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REPORT

OF THE

TOWN OFFICERS

OF

IPSWICH, MASS.,



FOR THE YEAR ENDING DECEMBER 31, 1921

AND THE

TWO HUNDRED AND EIGHTY-EIGHTH YEAR OF THE TOWN'S INCORPORATION.

IPSWICH, MASS

G. A. SCHOFIELD & SON, PRINTERS.

1922

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PART II.

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PART III.

School Report

TOWN OFFICERS 1921.

SELECTMEN

Eben B Moulton, Chairman	Term expires 1924
John A Brown	Term expires 1922
John H Cameron	Resigned

ASSESSORS

*John W Nourse, Chairman	Term expires 1922
George Fall	Term expires 1924
Richard R Glasier	Term expires 1923

*Deceased.

OVERSEERS OF THE POOR

Frank T Goodhue, Chairman	Term expires 1922
John G Sperling	Term expires 1923
Chas. S Garrett	Term expires 1924

TOWN CLERK

Charles W Bamford	Term expires 1923

TREASURER AND COLLECTOR

William J Riley	Term expires 1922

TOWN ACCOUNTANT

Frederick S Witham	Term expires 1922

SCHOOL COMMITTEE

Herbert W Mason, Chairman	Term expires 1922
George E MacArthur	Term expires 1922
Luther Wait	Term expires 1923
Leslie C Millard	Term expires 1923
Ralph W Burnham	Term expires 1924
Mary U Johnson	Term expires 1924

WATER AND LIGHT COMMISSIONERS

Arthur H Walton Chairman	Term expires 1924
Walter G Brown	Term expires 1922
Charles A Mallard	Term expires 1923

BOARD OF HEALTH

George E MacArthur, Chairman	Term expires 1924
Geo W Smith	Term expires 1923
J Dellinger Barney	Term expires 1922

REGISTRARS OF VOTERS

Charles H Glasier, Chairman	Term expires 1923
Charles W Bamford, Clerk	Term expires 1923
Frank H. Girard	Term expires 1924
Lyman H Daniels	Term expires 1922

PARK COMMISSIONERS

Frank T Goodhue, Chairman	Term expires 1922
Charles H Wells	Term expires 1923
Francis C Wade	Term expires 1924

CEMETERY COMMISSIONERS

Ralph K Whittier, Chairman	Term expires 1922
Howard Blake	Term expires 1923
Angus I Savory	Term expires 1924

CLAM COMMISSIONERS

George W Brown, Chairman	Term expires 1923
Henry Shaw	Term expires 1924
Farley C Lord	Term expires 1922

TOWN COUNSEL

Frank E Raymond	Term expires 1922

CHIEF OF POLICE

Edward Leavitt

ENGINEERS OF FIRE DEPARTMENT

Arthur H Walton, Chief; Edward H Smith, Clerk;
Edwin M Poole.

SUPERINTENDENT OF STREETS

Joseph A Huckins

INSPECTOR OF ANIMALS

G Loring Woodbury

INSPECTOR OF SLAUGHTERING

Eben B Moulton

SEALER OF WEIGHTS AND MEASURES

William A Stone

AUDITOR

Frederick S Witham	Term expires 1922

MODERATOR

Charles E Goodhue

FINANCE COMMITTEE

M Charles Arthur, Chairman	Term expires 1922
George A Schofield, Secretary	Term expires 1923
Charles M Kelly	Term expires 1922
Jesse H Wade	Term expires 1924
Thomas R Lord	Term expires 1924
George E Hodgkins	Term expires 1922
G Henry Curtis	Term expires 1923
Sidney H Perley	Term expires 1923
Edward W Willis	Term expires 1924

To the Honorable Board of Selectmen:
Gentlemen:

I beg to submit herewith the annual report of the receipts and expenditures of the Town of Ipswich for the year ending December 31, 1921, together with the reports of the various departments and town officials.

Respectfully submitted,
FREDERICK S. WITHAM,
Town Accountant.

DEPARTMENTAL

SELECTMEN

Salaries

Eben B Moulton	$300 00	
John A Brown	200 00	
John H Cameron	149 94	
		$649 94

Other Expenses

Chas E Goodhue, moderator	$20 00
J H Lakeman, P M, postage and box rent	3 50
Geo A Schofield & Son, printing and binding reports	696 00
Stanley A Hull, printing	30 00
H S Bowen, printing	3 25
Chas G Hull, printing	17 00
G H & A L Nichols, printing	5 31
Geo A Schofield & Son, printing and adv	81 75
Chas S Garrett, paper and supplies	11 50
Hobbs & Warren, blanks	1 55
Eben B Moulton, car fares and exp	14 98
New England T & T Co, telephones	80 63
A S Wonson, wire inspection	316 96

American Railway Ex Co, express	2 12	
Willis L Augur, ringing bell	60 00	
John F Wippich, care of town clock, 1920 and 1921	53 50	
Harold C Poor, killing dogs	15 00	
Frank E Raymond, services	53 88	
C C Boylan, posting warrants	42 00	
Berger Mfg Co, file	5 60	
Harold C Poor, distributing reports	16 00	
Eben B Moulton, perambulating town lines and exp	40 00	
John A Brown, perambulating town lines	25 00	
Jesse H Wade, secretary Finance Committee 1919	50 00	
Geo A Schofield, secretary Finance Committee and exp 1920 and 1921	104 87	
Blaisdell's Express, express	7 50	
Tuck & Richter Mfg Co, ink	1 00	
Willis L Augur, painting	3 00	
Dalton Adding Machine Co, repairs	6 25	
Angus I Savory, supplies	2 86	
Ipswich News Co, supplies	16 50	
H B McArdle	8 18	
Edward Leavitt, services as dog officer	10 00	
		$1805 69
Total expenditures		$2455 63
Unexpended balance		11 37
		$2467 00
Appropriation	$2285 00	
Appropriation unpaid 1920 bills	182 00	
		$2467 00

AUDITING AND ACCOUNTING

Salaries

Frederick S Witham, Auditor	$150 00

Frederick S Witham, Accountant	1650 00	
		$1800 00
Other Expenses		
Chas G Hull, printing	$2 50	
F W Barry, Beale & Co, paper	5 25	
G H & A L Nichols, Inc., printing	20 00	
T J Nutt, pens	3 00	
H B McArdle, office supplies	7 00	
F S Witham, car fare and exp	9 36	
Reliance Ribbon & Carbon Co., supplies	2 00	
		$49 11
Total expenditures		$1849 11
Unexpended balance		89
		$1850 00
Appropriation		$1850 00

TREASURER AND COLLECTOR

Salaries

Paid to:

Wm J Riley, Treasurer and Collector	$2,200 00	
Grace G Bamford, Clerk	1,040 00	
		$3,240 00

Other Expenses

Paid to:

J H Lakeman, P M, postage and box rent	$97 54	
First National Bank, checks	57 00	
Stanley A Hull, printing	8 00	
The Boston Traveler, adv	80	
Chas G Hull, printing	26 75	
Geo A Schofield & Son, printing and adv	15 75	
Monitor Press Co, printing	5 50	
Wm J Riley, car fare and postage	12 00	

Dalton Adding Machine Co, repairs	5 75	
H B McArdle, office supplies	17 75	
Chas S Garrett, office supplies	1 02	
Reliance Ribbon & Carbon Co, supplies	2 00	
Director of Accounts, certification of notes	24 00	
G A Barker, premium on bond and ins	216 14	
Banker & Tradesman, subscription	7 00	
		$497 00
Total expenditures		$3,737 00
Unexpended balance		43 00
		$3,780 00
Appropriation		$3,780 00

ASSESSORS

Salaries

Paid to:

John W Nourse	$800 00	
Richard R Glasier	300 00	
George Fall	300 00	
		$1,400 00

Other Expenses

Paid to:

Hobbs & Warren, blanks	$6 60
Geo A Schofield & Son, printing and binding valuation book	1,240 00
Edw C Brooks, compiling valuation book	150 00
Hildreth Davis, typewriting	50 00
Auto List Publishing Co, auto list	7 00
Wakefield Daily Item, blanks	22 25

Richard R. Glasier, car fares and exp	5 36	
E Warren Dodge, auto hire	4 00	
F S Witham, services, car fares and exp	42 36	
Harold C Poor, distributing valuation books	16 00	
Lilla D Stott, abstracts	57 07	
H B McArdle, supplies	1 00	
Geo A Schofield & Son, prntg poll tax list	95 00	
		$1,696 64
Total expenditures		$3 096 64
Unexpended balance		18 36
		$3,115 00
Appropriation		$3,115 00

LAW DEPARTMENT

Salaries

Paid to:

Frank E Raymond, Town Counsel	$100 00	
		$100 00

Other Expenses

Paid to:

Sisk Bros, services court cases	$60 00	
Frank E Raymond, services court cases	455 00	
Timothy S Herlihy, services court cases	50 00	
Geo A Schofield, services Town Landing case	300 00	
Albert F Welsh, services Town Landing case	325 00	
Est H I Bartlett, services Jeffries Neck case	242 99	

Geo A Schofield, witness fees and car fares	22 75	
Sundry persons, witness fees and car fares	68 82	
		$1,524 56
Total expenditures		$1,624 56
Appropriation	$600 00	
Appropriation unpaid 1920 bills	222 43	
Transfer from Reserve Fund	802 13	
		$1,624 56

TOWN CLERK

Salaries

Paid to:

Chas W Bamford, Town Clerk	$982 20	
Grace G Bamford, Stenographer	60 00	
		$1,042 20

Other Expenses

Paid to:

G H W Hayes, paper	$1 25	
Chas S Garrett, envelopes	3 50	
Geo A Schofield & Son, printing	12 25	
P B Murphy, blanks	6 05	
John G Corcoran, M D, birth returns	2 00	
Geo G Bailey, M D, birth returns	10 00	
B B Mansfield, M D, birth returns	12 50	
Catingo Georgapulos, birth returns	5 00	
H M Meserve & Co, stamps	3 75	
Chas W Bamford, recording and indexing vital statistics	313 50	
		$369 80
Total expenditures		$1,412 00

Appropriation	$1,400 00	
Appropriation unpaid 1920 bills	12 00	
		$1,412 00

ELECTION AND REGISTRATION

Salaries

Paid to:

Chas H Glasier, Registrar	$50 00	
Chas H Glasier, balance 1920 salary	25 00	
Lyman H Daniels, Registrar	37 50	
Lyman H Daniels, balance 1920 salary	37 50	
Chas W Bamford, balance 1920 salary	75 00	
Frank H Girard, Registrar	75 00	
		$300 00

Election Officers

Paid to:

G H Curtis	$11 00
G A Schofield, Jr	11 00
Geo W Smith	11 00
J F Conley	6 00
W E Henderson	4 50
Chas H Glasier	3 50
Clarence Pickard	4 50
J Francis Perkins	5 50
G A Schofield	5 50
C J Dupray	3 50
J W Ross	3 50
Lucy B Story	3 50
Isabelle G B Kimball	3 50
Grace G Bamford	3 50
Pauline Claxton	3 50
Jesse J Jedrey	3 50

Jas S Cassidy	3 50	
W E Garrette, Jr	3 50	
Alfred H Pickard	3 50	
Garland Jean	3 50	
Frank E Howe	5 50	
Carrie B Ladd	3 50	
Wm C Wallace	3 50	
J F Sullivan	3 50	
D A McKinnon	3 50	
John E Greene	3 50	
Frank H Girard	5 50	
Eugene Matheson	3 50	
Percy R Dort	3 50	
Leslie R Dupray	3 50	
Frank T Goodhue	5 00	
A H Walton	6 00	
Michael J Lucey	1 00	
Eben B Moulton	10 00	
		$162 00

Other Expenses

Paid to:

Manzer & Damon, voting booths	$91 79	
Edw E Wells, meals	10 00	
H A Russell, meals	41 70	
Chas S Garrett, supplies	75	
Geo A Schofield & Son, printing and adv	251 00	
Fred R Hull, printing	15 00	
Chas G Hull, printing	5 00	
		$415 24
Total expenditures		$877 24
Unexpended balance		8 15

		$885 39
Appropriation	$570 00	
Appropriation unpaid 1920 bills	315 39	
		$885 39

TOWN HALL

Salaries and Wages

Paid to:

Richard R Glasier, Janitor	$1,212 50	
Fred Manthorn, labor	1 50	
Arthur W Norwood, labor	2 50	
Chester Stone, labor	6 00	
Fred Buzzell, labor	2 50	
		$1,225 00

Other Expenses

Paid to:

A H Peatfield, fuel	$410 00
Chas L Lovell, fuel	300 64
George Fall, fuel	230 74
Lathrop Bros, fuel	85 95
Ipswich Gas Light Co, gas	29 89
John A Brown, wood	21 00
Electric Light Dept, light	798 20
A I Savory, supplies	14 00
Dustbane Mfg Co, dustbane	8 50
Walter F Poole, supplies	3 00
Mass State Prison, brooms	8 33
George Hayes, plumbing	156 56
John W Goodhue, supplies	18 02
A C Damon, supplies	32 60
Clapp & Lane, painting	15 70
Wm E Bassett, repairs	11 74

Geo B Robbins Co, disinfectant	17 50	
F E Wood, removing ashes	37 00	
R R Glasier, laundry	10 80	
Damon & Damon, insurance	140 60	
G A Barker, insurance	155 48	
G A Schofield & Son, insurance	221 00	
W A Stone, Sealer, sealing fees	2 00	
J J Merrill, supplies	24 04	
New England T & T Co, telephones	96 28	
Water Dept, water	32 37	
Frank R Schaller, piano tuning	9 00	
A F Foote, Comm'r, inspection of boiler	4 00	
Peoples Express, Inc, express	53	
Newman's Dept Store, supplies	3 00	
Chas N Smart, ventilator	9 50	
American Railway Ex Co, express	42	
		$2,908 39
Total expenditures		$4,133 39
Unexpended balance		81
		$4,134 20
Appropriation	$3,252 50	
Appropriation unpaid 1920 bills	381 70	
Transfer from Excess & Deficiency acct.	500 00	
		$4,134 20

Receipts to the credit of this department have been as follows:

County of Essex, rent of Court Rooms	$325 00	
Various parties, rent of hall	425 00	
Various parties, telephone refunds	6 35	
		$756 35

Protection of Persons and Property

POLICE DEPARTMENT

Salaries and Wages

Paid to:		
Edward Leavitt, chief	$1,740 00	
Valorous H Grant, patrolman	1,600 50	
Jacob Smith, patrolman	1,352 50	
Clifford C Boylan, patrolman	484 50	
Herbert O Whittier, special	664 50	
Alfred Langmaid, special	359 25	
Jesse J Jedrey, special	188 75	
John T O'Connell, special	251 00	
Harold C Poor, special	244 50	
Harold C Poor, keeper of lock up	516 43	
Jesse J Jedrey, keeper of lockup	10 00	
		$7,411 93

Other Expenses

Paid to:	
Chas E Davis, auto hire	$15 75
E Warren Dodge, auto hire	13 50
D A Grady, auto hire	92 78
Samuel D Dodge, auto hire	20 50
Wm J Vera, auto hire	9 00

R W Davis, gasoline and supplies	26 82	
Clifford C Boylan, auto hire	8 00	
Jesse J Jedrey, auto hire	27 00	
Raymond V Manthorn, auto hire	3 50	
Omer A Godin, auto hire	3 25	
Henry Shaw, boat hire	5 00	
C F Chapman & Son, supplies	8 73	
Allen Bros, badge	2 05	
Fred M Batchelder Co, badge	2 00	
Wm P Reilly, gasoline	25 77	
R W Davis, auto hire	30 75	
Motor Specialties Co, searchlight	40 00	
Electric Light Dept, supplies	1 35	
Henry S Bowen, printing	10 00	
Geo A Schofield & Son, printing	22 75	
New England T & T Co, telephones	122 83	
Edward Leavitt, car fares and exp	23 58	
Jacob Smith, car fares and exp	5 86	
Ernest E Currier, supplies	2 05	
Daisy L Poor, laundry	36 97	
Edward E Wells, meals	8 20	
Atlas Lunch Co, meals	55 20	
Fred Davison, labor	4 00	
Alice Davis, services as stenographer	7 00	
W A Spiller, repairs	1 25	
R L Purinton, repairs	2 84	
Chas S Garrett, supplies	3 56	
A C Damon, supplies	5 33	
		$647 17
Total expenditures		$8,059 10
Unexpended balance		2 23

		$8,061 33
Appropriation	$7,000 00	
Appropriation unpaid 1920 bills	161 33	
December appropriation	900 00	
		$8,061 33

Receipts to the credit of this department have been as follows:

Ipswich Mills, services	$1,560 00	
Third District Court, criminal fines	1,150 50	
		$2,710 50

FIRE DEPARTMENT

Salaries and Wages

Paid to:

Engineers	$425 00	
Hose Co No 1	1,906 00	
Thos R Roberts, chauffeur	1,560 00	
Brainard C Wallace, chauffeur	1,570 00	
Raymond L Dodge, chauffeur	60 00	
C J Dupray, watching fire	1 00	
A W Norwood, watching fire	1 00	
S W Atherley, watching fire	3 00	
Geo E Brown, watching fire	3 00	
Silas Stone, watching fire	3 00	
E A Smith, watching fire	3 00	
Sundry persons, still alarms	33 00	
		$5,568 00

Hose

Paid to:

Boston Woven Hose & Rubber Co	$891 80	
		$891 80

Horses

Paid to:

Highway Department, use of horses	$100 00	
		$100 00

Equipment and Repairs

Paid to:

J J Merrill, care of fire alarm as per contract	$199 92	
Gamewell Fire Alarm Tel Co, supplies	126 37	
Mayer & Porter, repairs and supplies	79 78	
The Noyes Buick Co, supplies	4 22	
W H Rand, supplies	2 55	
A I Savory, supplies	69 92	
J J Merrill, services and supplies	121 52	
Elec Light Dept, supplies	40 55	
B J Conley, supplies	3 00	
Western Union Tel Co, time service	24 00	
A H Walton, cash paid out for supplies	14 65	
Standard Oil Co of N Y, gasoline	49 75	
Raymond L Dodge, labor	5 00	
Stuart-Howland Co, supplies	46 02	
C F Chapman & Son, supplies	17 33	
W F Poole, supplies	3 38	
A H Blanchard, supplies	9 66	
Canney Lumber Co, lumber	1 10	
The Cornelius Callahan Co, supplies	20 36	
Watson, Hallett Co, supplies	4 15	
C S Tyler, supplies	12 80	
Hammatt St Garage, supplies	3 00	
A G Osborne, supplies	16 00	
The White Co, supplies	36 78	
A F Foote, Comm'r, boiler inspections	4 00	

Joseph A King, repairs	2 00	
John W Goodhue, supplies	9 89	
Fred Manthorn, cash paid out for supplies	1 25	
Wm P Reilly, supplies	1 41	
The Roessler & Hasslacher Co, supplies	9 00	
Ipswich Mills, supplies	3 70	
George Hayes, labor	1 30	
B B Ward, supplies	4 00	
No Shore Storage Battery Co, supplies	1 40	
Hiller & Co, supplies	12 54	
F E Wood, trucking	1 79	
Badger Fire Extinguisher Co, supplies	2 11	
Tougas & Tougas, supplies	2 20	
Newman's Dept Store, supplies	13 70	
		$982 10

Fuel and Light

Paid to:		
A H Peatfield	$165 00	
Chas L Lovell	161 36	
George Fall	164 64	
Electric Light Dept	196 92	
		$687 92

Maintenance of Buildings and Grounds

Paid to:		
A J Brennan, plumbing	$2 15	
George Hayes, plumbing	13 15	
Canney Lumber Co, lumber	23 96	
Dustbane Mfg Co, dustbane	27 25	
Racket Bargain Store, supplies	1 60	
A I Savory, supplies	3 20	
E M Poole, flag pole	5 00	
F E Wood, trucking	5 45	

R A Daniels & Son, supplies	10 00	
Newman's Dept Store, supplies	1 00	
Austin L Lord, masonry	62 41	
A C Damon, supplies	45 50	
		$200 67

Pension

Paid to:		
Agnes K Gilmore	$300 00	
		$300 00

Other Expenses

Paid to:		
American Railway Ex Co, express	$7 48	
A Story Brown, land rent	4 00	
F E Wood, cartage and freight	1 23	
Cable Hospital, donation	10 00	
A H Walton, car fares and exp	18 72	
Peoples Express, Inc, express	1 79	
Geo A Schofield & Son, insurance	31 50	
G A Barker, insurance	31 50	
Damon & Damon, insurance	21 00	
New England T & T Co, telephones	95 91	
		$223 13
Total expenditures		$8,953 62
Unexpended balance		275 38
		$9,229 00
Appropriation		$9,229 00

Receipts to the credit of this department have been as follows:

Town of Rowley, services	$100 00

Various parties, sale of supplies	24 83	
		$124 83

FOREST WARDEN

Paid to:

Sundry persons, fighting fires	$30 50	
E A Smith, posting notices	4 00	
Total expenditures		$34 50
Unexpended balance		65 50
		$100 00
Appropriation		$100 00

WEIGHTS AND MEASURES

Salaries

Paid to:

William A Stone, Sealer	$225 00	
		$225 00

Other Expenses

Paid to:

Geo A Schofield & Son, printing and adv	$5 00	
George Tibbetts, use of team	27 00	
D A Grady, auto hire	3 50	
E W Dodge, auto hire	2 00	
Wm A Stone, car fares	50	
W & L E Gurley, equipment	65 87	
American Railway Ex Co, express	92	
Hobbs & Warren, record book	2 61	
C F Chapman & Son, supplies	40	
		$107 80

Total expenditures	$332 80
Unexpended balance	42 20
	$375 00
Appropriation	$375 00
Amount of fees collected for the years 1920-1921	$158 13

MOTH DEPARTMENT

Salaries and Wages

Paid to:

Francis C Wade, Superintendent	$1,071 32	
Augustus McInnis, labor	853 52	
Frank McInnis, labor	716 16	
Philip Plourde, labor	319 63	
Arthur McIntire, labor	263 78	
Garland Dort, labor	162 11	
John Cronin, labor	1 69	
Harry Rutherford, labor	247 59	
Dennison Wallace, labor	21 94	
Herbert Goodhue, labor	99 15	
Fred Denningham, labor	100 12	
Charles Dolan, labor	109 68	
Granville O McIntire, labor	10 50	
Lawrence Peatfield, labor	111 00	
		$4,088 19

Other Expenses

Paid to:

Stanley A Hull, printing	$2 25
Chas G Hull, printing	4 50
Geo A Schofield & Son, adv	9 75
Samuel Cabot, Inc, supplies	96 20
Vreeland Chemical Mfg Co, supplies	1,445 00

A I Savory, supplies	92 17	
Fitzhenry-Guptill Co, supplies	39 03	
John W Goodhue, supplies	20 12	
Acme Rubber Mfg Co, supplies	12 00	
State Forester's Office, tools	72 51	
S B & A M Roberts, tools	10 50	
D A Grady, auto hire	1 00	
E W Dodge, auto hire	1 50	
F E Wood, use of teams and horses	587 39	
Minnie Dort, rent	72 00	
G A Barker, liability insurance	140 59	
John W Goodhue, supplies	90	
Blaisdell's Express, express	78	
Wm P Reilly, supplies	31 50	
Ernest E Currier, supplies	22 40	
R W Davis, supplies	3 15	
Mayer & Porter, supplies	3 00	
Chas L Lovell, supplies	2 20	
Ernest Dort, use of auto	3 00	
F E Wood, trucking and freight	22 11	
Geo B Brown, cement	1 10	
		$2,696 65
Total expenditures		$6,784 84
Unexpended balance		39
		$6,785 23
Appropriation	$2,500 00	
Private Work Tax	3,702 52	
Private Work reimbursement	582 71	
		$6,785 23

TREE WARDEN

Salaries and Wages

Paid to:		
Francis C Wade, labor	$323 76	
Augustus McInnis, labor	303 09	
Philip Plourde, labor	249 08	
Arthur McIntire, labor	14 34	
Frank McInnis, labor	13 50	
		$903 77

Other Expenses

Paid to:		
Chas G Hull, printing	$3 50	
John W Goodhue, supplies	6 45	
A I Savory, supplies	9 30	
Geo H Lord, labor on saws	3 25	
J A King, repairs	9 53	
Philip Plourde, use of auto	28 60	
F E Wood, use of horse	27 00	
Wm P Reilly, supplies	6 60	
D A Grady, use of auto	1 50	
		$95 73
Total expenditures		$999 50
Unexpended balance		50
		$1,000 00
Appropriation		$1,000 00

Health and Sanitation

GENERAL ADMINISTRATION

Salaries

Paid to:		
Geo E MacArthur, M D	$100 00	
Geo W Smith	75 00	
J D Barney, M D	62 50	
Aaron Lord	4 23	
Geo W Smith, balance 1920 salary	6 25	
Aaron Lord, balance 1920 salary	12 50	
		$260 48

Other General Expenses

Paid to:		
Geo A Schofield & Son, printing and adv	$110 95	
Stanley A Hull, printing	5 50	
Chas G Hull, printing	2 50	
Hobbs & Warren, blanks	1 35	
New England T & T Co, telephone	20 58	
American Railway Ex Co, express	4 24	
H W Norris, garbage collection	114 56	
E W Dodge, use of auto	2 00	
Harold C Poor, use of auto	3 00	

Berger Mfg Co, file	5 10	
American Pub Health Asso, membership fee	5 00	
Ernest Carter, burying cat	1 00	
Samuel Goodhue, burying dogs	4 00	
W A Banfill, painting signs	12 00	
Geo A Schofield & Son, insurance	33 75	
Chester Spencer, burying hens	1 00	
Burns & Chamberlain, garbage collection	175 00	
Harold C Poor, burying dogs	4 00	
Albert M Sheppard, burying cat	1 00	
Library Bureau, supplies	10 56	
Edmund Wile, trucking	24 00	
Edmund Wile, burying dog	2 00	
D A Grady, use of auto	4 50	
Edw H Smith, labor	1 00	
Mary Murphy, labor	1 50	
B J Conley, supplies	10 80	
		$560 89

Quarantine and Contagious Diseases

Paid to:

City of Salem, Health Dept, board & care	$934 01	
Edna Misqueta, nurse	31 00	
Geo E MacArthur, M D, services	56 00	
B B Mansfield, M D, services	6 00	
Harold C Poor, guard duty	70 50	
Alfred Langmaid, guard duty	35 00	
H O Whittier, guard duty	10 50	
E J M Scahill, fumigation, transportation	162 60	
John T O'Connell, guard duty	31 50	
Jacob Smith, guard duty	13 00	
Jesse J Jedrey, guard duty	21 00	
D A Grady, use of auto	8 25	

Anton Mavroides, loss of bread	48 00	
		$1,427 36

Tuberculosis

Paid to:

Essex Sanatorium, board and care	$159 40	
Lakeville Sanatorium, board and care	76 00	
Otis Clapp & Son, Inc, supplies	2 33	
		$237 73

Child Welfare

Geo E MacArthur, M D, Director	$150 00	
Martha J Stewart, Nurse	500 00	
		$650 00

Inspection

Paid to:

G Loring Woodbury, Insp of Animals	$175 00	
E Newton Brown, Insp of Slaughtering	87 00	
Eben B Moulton, Insp of Slaughtering	150 00	
Aaron Lord, Insp of Slaughtering	17 50	
D A Grady, use of auto	8 00	
Geo W Smith, Milk Inspector	250 00	
Geo W Smith, bal 1920 salary	20 83	
Aaron P Pratt, milk survey and exp	52 18	
Eben B Moulton, Sanitary Inspector	375 00	
Geo E MacArthur, M D, Sanitary Insp	50 00	
Geo W Smith, Sanitary Inspector	43 75	
Aaron Lord, Sanitary Inspector	29 63	
Aaron Lord, balance 1920 salary	87 50	
Eben B Moulton, use of auto & exp	58 50	
		$1,404 89

Total expenditures	$4,541 35
Unexpended balance	60 73

		$4,602 08
Appropriation	$3,675 00	
Appropriation unpaid 1920 bills	127 08	
December appropriation	800 00	
		$4,602 08

Highway Department

General Administration

Paid to:

Joseph A Huckins, Supt of Streets	$1,464 68	
American Railway Ex Co, express	19 12	
Eastman & Bradford, survey	50 00	
Albert M Sheppard, car fares	6 26	
Dept of Public Works, registration fees	6 00	
G A Barker, insurance	114 95	
Geo E Hodgkins, insurance	82 55	
Geo A Schofield & Son, insurance	467 43	
Smith & Russell, frames	2 50	
Howard Blake, clock repairs	1 00	
Chas S Garrett, supplies	4 46	
H B McArdle, supplies	11 45	
Boston & Maine R R, demurrage	2 00	
Peoples Express, express	42	
Damon & Damon, insurance	43 70	
		$2,276 52

STREET REPAIRS

Labor and Teams

Paid to:

Wilfred Atherley	$149 50
Fred Bodwell	300 00
A Story Brown	295 63
Chas G Brown	7 25
James Burke	4 50
John Blunda	4 50
Wm Burke	3 38
James Burns	39 66
Ernest Carter	1,081 57
John Comeau	22 50
Castle Hill Farm	76 19
Wm O Conant	313 00
Carl A Caverly	118 63
Gardner Caverly	53 25
W K Chapman	173 13
Albert Chapman	77 91
Archie Cluckey	9 00
John Canning	229 85
John Coillard	8 00
Wm M Davey, Jr	301 88
Gordon Ewing	333 84
Wm S Evans	57 25
Elwyn A Fessenden	52 50
Paul Garrette	1,370 00
Octave Gallant	143 75
Philip Gilbert	4 50
Arthur Grant	74 50
Chas L Henley	482 25
Nathaniel Harris	64 41
Henry Harvey	23 50
Rees Jenkins	588 13
John D Kelley	620 56

Louis Kelley	453 73
Stephen Lamothe	358 10
Lathrop Bros	193 75
Thos R Lord	144 38
John La Belle	92 82
Alex LeClair	150 13
Henry Lavoie	24 00
Wm Mehaffey	34 31
Edw N Martel	1 41
Irvin Manzer	58 00
Frank W Mallard	720 95
Joseph Mosyczyki	2 38
Arthur McIntire	56
G O McIntire	1 75
Daniel McGuire	405 00
Louis Ott	56 25
D S Perley	313 63
Wm Phillips	153 50
Michael Phalen	77 91
Bernard Phalen	11 13
Larry Peters	54 75
Lawrence Peatfield	84 00
Fred Robicheau	340 28
Frank Robicheau	4 50
Michael Ryan	246 50
Thos Robicheau	19 00
Edward Robbins	1,014 00
Frank Scahill	1,044 28
Albert M Sheppard	959 29
Thos Szack	398 50
Wm Stone, Jr	1 12
Edward Spiller	5 34

Isaac Spencer	53 25
Thos Smith	123 01
Arthur Senior	32 06
Geo E Smith	2 81
James Sheppard	196 63
Joseph Stinson	63 00
Louis Trembly	109 32
Mrs C S Tuckerman	8 12
Turner Hill Farm	133 05
Harry Wilkinson	689 76
Dennison Wallace	65 81
Lester Wood	366 00
Edmund Wile	411 63
Wm Wallace	28 96
Libie J Wood	53 25
Frank E Wood	4 00
	$16,850 43

Gravel, Sand, Oil, Tarvia, etc.

Angie P Brown	$967 50
A Story Brown	2 40
E Newton Brown	49 50
Essex Trap Rock & Construction Co	19 03
Spencer Gwinn	95 55
Lydia Harris	60
Independent Coal Tar Co	145 00
Lathrop Bros	40 40
Mrs A G Lauer	27 30
Chas L Lovell	3 20
D S Perley	86 80
Michael Ryan	108 85
James Sheppard	19 65

Lillian G Stanford	46 85	
Est Eugene Sullivan	7 50	
The Texas Co	1,141 49	
The Barrett Co	170 81	
Upland Farms	106 40	
N R Underhill	6 30	
		$3,045 13

Equipment and Repairs

Canney Lumber Co, lumber	$70 42	
J J Merrill, supplies	7 05	
Fred Buzzell, labor	2 00	
Mayer & Porter, repairs and supplies	374 38	
Ernest E Currier, Ford truck & supplies	654 87	
George Hayes, repairs	28 70	
Geo W Reinhardt Co, supplies	22 25	
Standard Oil Co of N Y, supplies	484 71	
Boston & Maine R R, freight & demurrage	10 90	
Autocar Sales & Service Co, repairs	116 68	
John W Goodhue, supplies	89 80	
A I Savory, supplies	76 32	
J A King, repairs	52 56	
N E Road Mach Co, gravel loader & supl	1,047 39	
Edw H Smith, care of lanterns	106 00	
The Barber Asphalt Paving Co, supplies	79 79	
Wm A Spiller, repairs	6 00	
W A Banfill, painting signs	12 00	
Marcorelle Bros, supplies	33 80	
Traffic Sign & Signal Co, traffic posts	99 90	
Buffalo Steam Roller Co, scarifier	1,089 12	
Ipswich Mills, repairs	10 30	
Turner Hill Farm, repairs	3 64	
A G Osborne, supplies	21 52	

Electric Light Dept. fuel & gas	425 78	
C F Chapman & Son, supplies	8 35	
E F Smith, Jr, labor	5 00	
A J Brennan, repairs	3 43	
A F Foote, Comm'r, boiler inspection	5 00	
Waldo Bros & Bond Co, supplies	28 78	
The Good Roads Mach Co, supplies	15 07	
Wm E Bassett, concrete work	449 43	
The Fiske Rubber Co, tires	166 03	
R W Davis, supplies	1 00	
Geo Norcross, repairs	1 00	
Dyar Supply Co, supplies	9 75	
W Castella Henderson, repairs	1 16	
Robert Spencer, masonry	10 50	
Austin L Lord, masonry	4 50	
Water Dept, water	40 00	
		$5,674 88

Buoys and Floats

Ernest O Peabody, labor	$46 00	
Justin E Hull, labor	8 00	
Carl Grundstrom, labor	10 00	
Nelson Bourque, labor	22 00	
Newman's Dept Store, supplies	2 20	
Manzer & Damon, labor	21 96	
Canney Lumber Co, lumber	12 28	
		$122 44

SNOW REMOVAL

Labor and Teams

Fred Allard	$4 78
Elliott Appleton	4 50
Junius Avery	4 22
Joseph Arsenault	7 88

Fred Bodwell	90 00
Samuel Bayley	11 82
John H Brown	2 25
Dennis Bryant	9 00
A Story Brown	29 00
Chas G Brown	8 75
Chas Barton	4 50
Grover Bayley	5 06
Alonzo L Brown	7 88
George Ball	5 63
Wm Burnham	3 94
Edward Bodwell	5 06
Chester Bowen	3 94
Wm Barton	6 19
John Blunda	8 43
Geo Brooker	1 12
James Burns	1 12
Wm Burns	1 12
Chester Brown	1 13
Ernest Carter	60 75
John Cronin	12 38
Robt Cole	2 25
Daniel Cashman	5 63
Fred G Cross	3 94
Wm Carter	4 50
Henry A Churchill	13 51
Castle Hill Farm	122 25
Wm O Conant	23 43
Carl A Caverly	9 63
Fred Davison	10 68
Fred Denningham	10 13
Walter Dodge	7 88

Chas Dolan	2 81
Raymond Dodge	9 28
Gordon Ewing	44 44
Mike Evk	7 59
Wm S Evans	12 69
Walter Ellsworth	6 75
Elisha Earley	8 16
Elwyn A Fessenden	3 75
Paul Garrette	95 00
Albert Gallant	14 63
Carl Grundstrom	5 06
Norman Grose	2 25
Hugh Gwinn	4 22
Arthur Gwinn	1 13
Orville Grant	6 47
Ralph Gilmore	7 88
Geo Grant	1 69
J Frank Goodhue	10 12
Edw Guay	8 43
William Brown	7 88
Joseph Gioux	2 25
Chas L Henley	28 44
John Hovey	18 84
Wm Hudson	10 13
Eddie Horczi	7 59
John D Hamor	5 90
Walter H Hathaway	4 50
Nathaniel Harris	4 78
David Hinckley	8 16
Roland Hills	1 69
George Hills	8 43
Frank Hovey	18 84

Chas Jewett	28 44
H Johnson	7 59
Rees Jenkins	53 75
Ernest Jewett	8 72
Leander Jewett	5 63
John D Kelley	38 25
Louis Kelley	12 66
Edmund Kelley	11 53
Stephen Lamothe	4 50
Lathrop Bros	34 51
Farley C Lord	4 50
Louis Lamerio	4 50
John Lind	5 06
Axel Lind	6 19
James A Lord	6 75
Thos R Lord	9 00
Gordon Lord	2 25
Joseph Leet	9 00
John LaBelle	8 43
Wm Mehaffey	8 44
Walter Martineau	4 50
Monstone Farm	20 00
Geo Manthorn	14 63
John R Morris	17 72
Roland Mitchell	14 91
Edw N Martel	14 91
Clarence Miller	5 06
Wm Martineau	1 69
Irvin Manzer	12 25
Chas Miller	7 88
Arthur McIntire	27 01
John MacKeown	7 31

John McCone	4 50
Frank McInnis	17 72
Alex McInnis	9 00
Augustus McInnis	7 59
Daniel Nevins	18 28
D S Perley	22 50
S Harold Perley	10 13
John Porter	17 72
Walter Prentiss	9 01
Andrew Perry	17 72
Wm Phillips	22 50
Philip Plourde	12 38
E J Perron	4 50
Joseph Quill	2 25
Arthur Quill	6 75
Fred Robicheau	45 56
Frank Robicheau	7 88
Wm Robicheau	14 91
V E Rust, Jr	5 06
Mike Robicheau	7 59
Jesse Rutherford	3 94
Michael Ryan	7 88
Hugh Reilly	3 94
James Ryan	1 69
D F Ryan	3 38
Chas Ring	9 00
Frank Scahill	91 12
Albert Sheppard	58 34
Thos Scazk	16 87
Wm Stone, Jr	14 07
John Singer	8 72
Edward Spiller	7 88

Isaac Spencer	12 66	
Raymond Smith	8 72	
Robt Spencer	4 50	
Horace Smith	16 03	
Henry Shaw	9 01	
Robt Smith	5 62	
Robt H Smith	4 50	
Harold Scotton	4 50	
Silas Stone	5 06	
Chester Stone	7 88	
Harold Smith	5 06	
Thos Smith	4 50	
Elmer Smith	2 81	
Clarence Smith	6 19	
Fred Stone	4 50	
Howard Scotton	1 13	
Enos Titus	17 72	
Arthur Tilton	9 56	
Harry Wilkinson	64 13	
Edmund Wile	49 01	
Wm Wallace	5 06	
G L Woodbury	10 41	
Leo Wilkinson	12 09	
John Wills	9 00	
James Wile	2 25	
Ambrose Young	4 22	
		$2,088 13

STABLE

Wm G Horton, grain	$226 75
Geo B Brown, grain	151 75
S I Hudgens, hay	165 27
A Story Brown, hay	53 81

Chas G Day, hay	80 47	
John A Brown, hay	37 70	
D S Perley, hay	58 18	
Albert C Burrage, Jr, horses	600 00	
Wm McCarthy & Co, shoeing	131 00	
Wm Biziski, shoeing	25 55	
Asa P Littlefield, shoeing	14 00	
H D Lambert, services	30 00	
Water Dept, water	113 09	
C F Chapman & Son, supplies	28 15	
Manzer & Damon, carpentry	28 40	
W F Poole, supplies	72	
B J Conley, supplies	1 75	
B B Ward, supplies	22 72	
		$1,769 31
Total expenditures		$31,826 84
Unexpended balance		367 46
		$32,194 30
Appropriation	$27,043 70	
Appropriation unpaid 1920 bills	150 60	
Transfer from Excess & Deficiency account	5,000 00	
		$32,194 30

Receipts to the credit of this department for the year have been as follows:

Sale of horse	$160 00
Sale of tip cart and harness	100 00
Sale of sleepers	62 00
Sale of manure	86 00
Sale of sled	25 00

Sale of road oil	33 67	
Reimbursement for traffic marker damage	30 00	
Use of horses—Fire Dept	100 00	
Sale of oil barrels and junk	5 00	
		$601 67

TOPSFIELD ROAD CONSTRUCTION

Labor and Teams

Wilfred Atherley	$131 00
Fred Bodwell	4 50
Walter Brown	2 50
Elmer Brown	41 25
A Bennett Boynton	872 50
John Canning	406 86
Beclair Constantopos	46 75
Wm M Davey, Jr	192 00
Gordon Ewing	201 75
Grover Eaton	108 00
Edward Eldridge	36 00
Elwyn Fessenden	651 50
Alfred Gallant	1 75
Chas L Henley	566 50
Frank Hovey	268 75
Hazen Irving	11 00
John D Kelley	110 75
Louis Kelley	45 50
Stephen Lamothe	154 75
Henry Lavoie	266 75
Stanley Lezon	121 75
Irvin Manzer	15 50
Frank W Mallard	169 25
Lawrence Peatfield	196 25

Joseph Quill	352 25	
Arthur Quill	113 75	
Fred Robicheau	296 50	
Thos Robicheau	248 75	
Frank Scahill	173 50	
Albert M Sheppard	310 33	
Thos Szack	319 75	
F E Smith	4 00	
Daniel Safford	286 50	
Turner Hill Farm	104 40	
Harry Wilkinson	344 75	
Lester Wood	6 50	
Edmund Wile	34 00	
Leo Wilkinson	105 75	
Harold Wilson	103 25	
		$7,427 09

Other Expenses

George Adams, gravel	$470 40	
Mrs Wm Goodhue, gravel	4 20	
Lathrop Bros, gravel	10 40	
Chas L Lovell, cement	68 66	
Bradley Palmer, gravel	68 95	
Est Eugene Sullivan, gravel	79 50	
Turner Hill Farm, gravel	113 60	
Standard Oil Co of N Y, oil	1,214 40	
John A Brown, brick	31 50	
Lathrop Bros, fuel	17 34	
Chas L Lovell, fuel	80 24	
Electric Light Dept, fuel	33 87	
Marcorelle Bros, oil	3 03	
John W Goodhue, pipe and supplies	94 60	
Wm Biziski, sharpening picks	12 40	

Chas J McCarty & Co, supplies	17 96	
Penn Metal Co, culverts	43 05	
Canney Lumber Co, lumber	218 42	
Glenn Senior, gravel	7 00	
Joseph A Huckins, services	286 00	
		$2,875 52
Total expenditures		$10,302 61
Unexpended balance		1,580 18
		$11,882 79
Balance 1920 appropriation	$1,382 79	
Appropriation, 1921	2,500 00	
Reimbursement from Comm of Mass	4,000 00	
Reimb. from County of Essex	4,000 00	
		$11,882 79

CHARITIES

Out Poor Department

General Administration

Frank T. Goodhue, salary	$100 00	
John G. Sperling, salary	125 00	
Chas. S. Garrett, salary	104 17	
Chas. G. Hull, salary	16 66	
Frank T. Goodhue, Agent	83 33	
Chas. G. Hull, Agent	50 00	
New England T. & T. Co., telephone	8 97	
The Berger Mfg. Co., file	5 10	
American Railway Ex. Co., express	21 21	
Chas. S. Garrett, use of auto	18 00	
George Tibbetts, use of team	1 50	
Frank T. Goodhue, car fares and expense	13 88	
Smith & Russell, photographs	3 00	
		$550 82

Cash Allowances

Sundry persons	$3716 00	
		$3716 00

Rent

Chester A. Bolles	$49 00
Jennie Ellsworth	11 00
J. H. Vermette	32 00
Frank Sinkiwicz	12 00
A. D. Kinsman	26 25

D. A. Grady	30 00	
		$160 25

Groceries and Provisions

M. M. Wiezbicki	$145 00	
Martin Maselbas	80 00	
J. H. Christopher	153 20	
John A. Woleiko	103 80	
E. E. Gray Co.	5 00	
Co-operative Grocery Stores Co.	331 92	
John J. Machaj	95 48	
W. F. Poole	64 42	
A. G. Pechilis	71 00	
Ipswich Meat Market	19 09	
Tougas & Tougas	8 00	
Wm. Barras	3 00	
		$1079 91

Fuel

A. H. Peatfield	$12 50	
Lathrop Bros.	138 35	
Chas. L. Lovell	269 95	
		$420 80

Board and Care

Maude Jewett	$641 50	
Lizzie M. Dodge	208 00	
Mamie E. Kneeland	78 00	
Bennie Dzardal	288 00	
Vital Thuot	98 00	
		$1313 50

Medicine and Medical Attendance

Geo. E. MacArthur, M. D	$125 00	
B. B. Mansfield, M. D.	60 75	
Geo. G. Bailey, M. D.	24 00	

E. F. Brown & Co.	65 25	
Angus I. Savory	27 90	
B. J. Conley	25 65	
M. E. Kneeland	93	
		$329 48

Burials

E. J. M. Scahill	$30 00	
		$30 00

State Institutions

Dept. of Public Welfare	$200 57	
		$200 57

Other Institutions

Mass. General Hospital	$89 00	
		$89 00

Other Cities and Towns

City of Boston	$156 25	
City of Chicopee	8 65	
City of Beverly	5 00	
Town of Danvers	63 50	
Town of Rowley	11 00	
		$244 40

Mothers' Aid

Sundry Persons, local cases	$450 00	
Town of West Newbury	238 00	
		$688 00

Other Expenses

L. H. Bixby, supplies	$10 00	
C. S. Tyler, supplies	18 50	
Newman's Dept. Store, supplies	7 25	
C. L. Henley, supplies	10 00	
Antony Gianakountzos, supplies	14 00	
A. C. Damon, supplies	16 00	

Greek family's expenses to Greece	365 79	
		$441 54
Total expenditures		9264 27
Unexpended balance		1 08
		$9265 35
Appropriation	$7000 00	
Appropriation, unpaid 1920 bills	265 35	
December appropriation	2000 00	
		$9265 35

Receipts to the credit of this department for the year have been as follows:

Commonwealth of Massachusetts,		
Mothers' Aid cases	$150 00	
City of Gloucester, reimbursement	31 00	
Reimbursements from individuals	65 00	
		$246 00
Amount due from Common'th of Mass.,		
Mothers' Aid cases		48 00
		$294 00

During the year the following old accounts have been paid:

Commonwealth of Massachusetts,	
Mothers' Aid cases	$228 00

TOWN FARM

Salaries and Wages

Edward Woodburn, Superintendent	$450 00
Edgar I. Holland, Superintendent	150 00

Ella Woodburn, Matron	225 00	
Margaret A. Holland, Matron	45 00	
Lucy Knowles, labor	60 00	
Charles Rust, labor	120 00	
Joseph McGrath, labor	2 00	
Geo. M. Woodburn, labor	240 00	
Margaret Woodburn, labor	160 00	
Richard Kneeland, labor	40 00	
		$1492 00

Groceries and Provisions

E. E. Gray Co.	$112 29	
Marcorelle Bros.	333 61	
Co-operative Grocery Stores Co.	352 44	
W. E. Scott	53 54	
Ipswich Meat Market	5 08	
W. S. Atkinson	3 58	
Ipswich Fish Market	3 94	
Clapp Bros.	11 19	
Norwood Mills	4 70	
		$880 37

Dry Goods and Clothing

Hiller & Co.	$17 62	
L. H. Bixby	10 72	
Newman's Dept. Store	154 03	
C. S. Tyler	28 94	
Chas. G. Spiller	25	
		$211 56

Fuel and Light

George Fall	$43 60	
Chas. L. Lovell	154 94	
A. H. Peatfield	120 51	
Lathrop Bros.	28 04	

Standard Oil Co. of N. Y.	8 50	
		$355 59

Equipment and Repairs

Manzer & Damon, carpentry	$49 03	
John E. Greene, carpentry	77 75	
A. J. Brennan, plumbing	79 25	
R. L. Purinton, plumbing	164 49	
Austin L. Lord, plastering	25 60	
Racket Bargain Store, supplies	11 69	
A. I. Savory, supplies	20 63	
C. F. Chapman & Son, supplies	8 75	
A. C. Damon, supplies	23 50	
John W. Goodhue, supplies	82 26	
Wm. G. Claxton, seed potatoes	10 92	
F. E. Wood, horse collar	5 00	
J. J. Merrill, supplies	4 40	
Joseph A. King, repairs	12 20	
Newman's Dept. Store, supplies	2 00	
R. A. Daniels & Son, supplies	9 75	
B. B. Ward, supplies	13 25	
		$600 47

Grain and Live Stock

Wm. G. Horton, grain	$255 05	
Wm. O. Conant, horse	165 00	
		$420 05

Other Expenses

E. F. Brown & Co., medicine	$19 10	
B. J. Conley, medicine	1 00	
A. I. Savory, medicine	4 00	
A. P. Littlefield, shoeing	5 80	
Wm. Biziski, shoeing	7 50	
Wm. McCarthy & Co., shoeing	32 00	

Geo. A. Schofield & Son, insurance	53 03	
Damon & Damon, insurance	49 20	
Edward Woodburn, cash paid for express	2 12	
Jesse J. Jedrey, police service	16 50	
Harold C. Poor, police service	9 00	
Jesse J. Jedrey, use of auto	4 00	
Harold C. Poor, use of auto	4 00	
H. W. Phillips, supplies	15 50	
R. V. Manthorn, auto hire	4 00	
Alice M. Davis, services	5 00	
Frank E. Raymond, services	75 00	
D. A. Grady, auto hire	19 00	
A. F. Foote, Commissioner boiler inspections	4 00	
Chas. G. Hull, printing	2 00	
		$331 75
Total expenditures		$4291 79
Unexpended balance		333 21
		$4625 00
Balance from 1920	$325 00	
Appropriation	3800 00	
December appropriation	500 00	
		$4625 00

INVENTORY, STOCK, TOOLS, ETC., AT TOWN FARM.

	Jan. 1, 1922		Jan. 1, 1921			
	No.	Value	No.	Value	Gain	Loss
Cows	11	$925 00	11	$1200 00		$275 00
Bull	1	150 00	1	75 00	$75 00	
Heifers	4	125 00	10	400 00		275 00
Calves	3	15 00			15 00	
Horses	3	400 00	3	750 00		350 00
Pigs	2	50 00	3	45 00	5 00	
Fowl	30	37 50	60	75 00		37 50
Carts and Wagns	5	237 00	8	475 00		238 00
Manure Spreader	1	75 00	1	75 00		
Mowing Machines	1	45 00	1	45 00		
Plows	2	31 00	2	25 00	6 00	
Cultivators	2	10 00	2	20 00		10 00
Horse hoe	1	5 00	1	5 00		
Horse hay fork	1	40 00	1	50 00		10 00
Harrows	3	40 00	4	50 00		10 00
Sleds	1	10 00	1	15 00		5 00
Wood, cords	10	100 00	10	120 00		20 00
Coal, tons	2	32 00	1¼	20 00	12 00	
Groceries & provisions		50 00		100 00		50 00
Dairy utensils		25 00		30 00		5 00
Furniture & bedding		300 00		500 00		200 00
Range & fixtures		25 00		110 00		85 00
Heating plant		2000 00		2000 00		
Tedder	1	10 00	1	15 00		5 00
Tools		20 00		20 00		
Blocks and ropes		5 00		5 00		
Ice chest		10 00		36 00		26 00
Harnesses & blankets		75 00		100 00		25 00
Potato digger	1	1 00	1	1 00		
Wheelbarws	2	10 00	2	10 00		
Pung	1	20 00	1	20 00		
Seed sowers	2	5 00	2	10 00		5 00
Wood saw	1	75 00	1	100 00		25 00
Hogs			2	100 00		100 00
Hay rake	1	10 00	1	21 00		11 00
Pump jack	1	14 00	1	14 00		
Oil tanks	1	5 00	2	15 00		10 00
Water tank	1	100 00	1	50 00	50 00	
Drags	1	4 00	1	6 00		2 00
		$5,091 50		$6.708 00	$163 00	$1,779 50

Ipswich Public Library
Ipswich, Massachusetts

INVENTORY PRODUCE ETC., AT TOWN FARM.

	Jan. 1, 1922 No.	Value	Jan. 1, 1921 No.	Value	Gain	Loss
Corn, bushels on cob	75	45 00	30	30 00	15 00	
Onions, bushels	15	37 50	6	10 00	27 50	
Beans, bushels	6	24 00	1½	12 00	12 00	
Potatoes, bushels	75	130 00	25	40 00	90 00	
Roots, bushels	150	90 00	220	165 00		75 00
English Hay, tons	30	900 00	38	1140 00		240 00
Salt Hay, tons	10	150 00	12	120 00	30 00	
Mulch, tons			10	50 00		50 00
Vinegar				100 00		100 00
Salt Pork, lbs.	200	30 00		50 00		20 00
Grain, bushels	20	15 00			15 00	
Cabbage		7 50		7 50		
Soap powder				35 00		35 00
Disinfectant		5 00		5 00		
Hams, Bacon and Shoulders		18 65			18 65	
		$1452 65		$1764 50	$208 15	$520 00
		5091 50		6708 00	163 00	1779 50
		$6544 15		$8472 50	$371 15	$2299 50
				6544 15		371 15
Net Loss				$1028 35		$1928 35

SUMMARY OF INCOME AND EXPENDITURES AT THE TOWN FARM FOR THE YEARS 1917, 1918, 1919, 1920, 1921.

	1917	1918	1919	1920	1921
Expended	$4203 68	$3693 80	$3991 54	$4072 74	$4291 79
Income	1677 06	1520 11	1879 60	1791 10	2321 05
Net expense	$2526 62	$2173 69	$2111 94	$2281 64	$1970 74

Number of inmates at Farm Jan. 1, 1922, 10.

Average number of inmates at Farm during year 1921, 10.

Total number registered in 1921, 11.

Average cost per week for each inmate, $3.79.

Amount of sales for 1921, $2321.05.

SOLDIERS' BENEFITS

State and Military Aid

Sundry persons, cash	$1500 00	
Total expenditures		1500 00
Appropriation		1500 00

Soldiers' Relief

Sundry persons, cash	707 00	
Tilton Bros., wood	30 00	
Geo. E. Hills, wood	12 10	
John LaBelle, labor	7 20	
A. G. Pechilis, groceries	10 00	
Tougas & Tougas, groceries	252 00	
Jacob Koffman, rent	10 00	
B. B. Mansfield, M. D., medical att.	73 00	
Geo. G. Bailey, M. D., medical att.	88 00	
Total expenditures		$1189 30
Unexpended balance		8 70
		$1198 00
Appropriation	$1100 00	
Appropriation, unpaid 1920 bills	98 00	
		$1198 00

RECREATION

Parks

Chas. H. Wells, labor	$159 00	
Philip Plourde, labor	41 75	
Augustus McInnis, labor	46 56	
Frank McInnis, labor	54 56	
Frank T. Goodhue, labor	5 00	
Harold A. Wilson, labor	7 50	
Francis C. Wade, labor	4 00	
Fred Buzzell, labor	1 25	
Geo. H. Lord, plants	28 40	
Samuel C. Gordon, plants	55 20	
Joseph Breck & Sons, plants	39 90	
Water Dept., water	12 00	
Warren Boynton, fertilizer	2 00	
The Geo. E. Marsh Co., fertilizer	12 00	
R. L. Purinton, labor	1 78	
A. I. Savory, supplies	9 41	
John W. Goodhue, supplies	18 00	
R. W. Davis, supplies	1 50	
Total expenditures		$499 81
Unexpended balance		19
Appropriation		$500 00

Playgrounds

Libie J. Wood, labor	$206 75
Walter Somers, labor	13 13
Joseph Gilman, labor	144 96
Francis Pickering, labor	63 01
George Ball, labor	57 01
George Day, labor	102 20
Joseph Surrette, labor	40 88
Nelson Bourque, labor	19 88
John Gilman, labor	40 88
Wm. Martineau, labor	61 51
Arthur Grant, labor	62 26
Hazen Irvine, labor	93 22
Mike Robicheau, labor	37 51
Frank Babcock, labor	4 50
Louis Kelley, labor	53 06
Wm. E. Garrette, labor	30 76
Stephen Lamothe, labor	28 13
Joseph Poirier, labor	50 40
Larry Gallant, labor	46 35
Joseph Gray, labor	12 38
Lewis Manthorn, labor	36 19
Nick Pappas, team	27 00
W. O. Conant, team	83 00
Feliz Wegzyn, team	121 00
Rees Jenkins, team	82 00
Edmund Wile, team	167 00
Daniel Safford, team	98 00
Michael Ryan, team	92 50
Wm. Stone, labor	8 40
N. R. Underhill, sand	3 75
Lathrop Bros., gravel	13 00

Michael Ryan, sand	3 50	
Patrick Donlon, team	20 90	
R. A. Fife Corp., swings	177 15	
Henry S. Spaulding, services	33 68	
F. E. Wood, trucking and freight	12 51	
A. I. Savory, supplies	8 20	
John W. Goodhue, tile and supplies	100 16	
Geo. A. Schofield & Son, printing	29 75	
Canney Lumber Co., lumber	55 93	
Chapman Valve Mfg. Co., supplies	21 25	
Boston & Maine R. R., freight	50	
Ruth J. Galley, typewriting	3 00	
Geo. E. Gilchrist Co., supplies	4 15	
Austin L. Lord, labor	128 70	
Total expenditures		$2500 00
Appropriation		2500 00

CEMETERIES

Edward Bodwell, labor	$261 81
Chas. Jewett, labor	14 91
Howard Blake, labor	486 49
L. A. Lord, labor	323 95
Howard J. Blake, labor	243 13
Alex McLellan, labor	29 00
J. H. Hull, Jr., labor	31 00
Wm. F. Rutherford, labor	35 50
George Day, labor	25 50
W. M. Atkinson, labor	38 00
Wm. E. Goodhue, labor	33 00
O. P. Grant, labor	36 00
Arnold Richards, labor	19 00
Arthur McIntire, labor	12 00
Wm. Stone, labor	28 00
Harold A. Wilson, labor	26 50
Malcolm Grose, labor	18 00
Edw. C. Brooks, labor	16 00
Frank McInnis, labor	99 00
Ralph K. Whittier, labor	77 00
O. M. Hills, labor	61 50
A. I. Savory, labor	25 00
Fred Bodwell, labor	20 00
Wm. B. Richards, labor	9 50
L. A. Lord, team	54 00

Samuel C. Gordon, plants	95 10	
A. I. Savory, supplies	43 32	
Water Dept., water	33 00	
A. J. Brennan, water pipe extension	149 50	
L. A. Lord, loam	5 00	
Total expenditures		$2349 71
Unexpended balance		29
		$2350 00
Appropriation		2350 00

Perpetual Care

Edward Bodwell, labor	$56 00	
L. A. Lord, labor	188 50	
Howard Blake, labor	202 50	
O. M. Hills, labor	5 00	
Carrie R. Brown, flowers	3 00	
Total expenditures		$455 00
Transferred from Cemetery Trust Funds		455 00

UNCLASSIFIED

Town Hall Repairs

Manzer & Damon, carpentry	$616 58	
Alton A. Chase, carpentry	68 95	
Clapp & Lane, painting	1695 80	
Wm. A. Banfill, painting	5 00	
Canney Lumber Co., lumber	135 00	
J. F. Pope & Son, lumber	338 91	
J. J. Merrill, wiring and supplies	390 08	
Elec. Light Dept. supplies	115 64	
Austin L. Lord, plastering	96 10	
Wm. E. Bassett, repairs on roof	208 45	
R. L. Purinton, repairs on roof	160 62	
Leo Wilkinson, repairs on roof	15 00	
Eben B. Moulton, car fares	2 18	
A. H. Walton, car fares	2 18	
Total expenditures		$3850 49
Balance from 1920	$22 28	
Transferred from Excess and Deficiency	3828 21	
		3850 49

Memorial Building

Connolly Bros., on account contract	$4377 50
E. A. Abbott Co., on account contract	10,842 81
Andrews, Rantoul & Jones, architect's fee	1973 83

Geo. A. Schofield, premium on bond	626 04	
F. E. Wood, hauling stone	249 50	
Manzer & Damon, hauling stone	154 59	
Geo. A. Todd, use of jigger	18 75	
Clifford Comeau, labor	8 63	
Isaac Lemieux, labor	8 63	
Albert M. Sheppard, labor	18 67	
Total expenditures		$18,278 95
Unexpended balance		21,721 05
		$40,000 00
Appropriation		40,000 00

Soldiers' Memorial Committee

Wm. A. Johnson, survey	$26 36	
Geo. A. Schofield & Son, printing	2 50	
M. Chas. Arthur, postage	1 00	
Total Expenditures		$29 86
Unexpended balance		970 14
		$1000 00
Balance from 1920 appropriation		1000 00

Memorial Day

Gen. James Appleton Post 128, G. A. R.	$250 00	
Total expenditures		$250 00
Appropriation		250 00

Armistice Day Celebration

Ipswich Mills Band, music	$149 50	
Geo. A. Schofield & Son, printing	8 60	
Wm. J. Riley, cash paid out	7 05	
Total expenditures		$165 15
Unexpended balance		8 15
		$173 30
Balance from Welcome Home Celebration acct.		173 30

Band Concerts

Ipswich Mills Band, music	$100 00	
King Arthur Commandery Band, music	100 00	
Total expenditures		$200 00
Appropriation		200 00

Town Wharf

Elmer C. Smith, painting	$78 00	
Chas. Jewett, labor	3 00	
Ernest O. Peabody, labor	5 00	
John W. Goodhue, supplies	7 45	
Total expenditures		$93 45
Unexpended balance		31 55
		$125 00
Appropriation		125 00

Shell Fish

Geo. W. Brown, salary	$66 62	

Farley C. Lord, salary	66 62	
Henry Shaw, salary	55 51	
Total expenditures		$188 75
Unexpended balance		11 25
		$200 00
Appropriation		200 00

Cable Memorial Hospital

Cable Memorial Hospital	$1500 00	
Total expenditures		$1500 00
Appropriation		1500 00

V. H. Grant Special Appropriation

Valorous H. Grant, reimbursement	$225 00	
Total expenditures		$225 00
Appropriation		225 00

Reserve Fund

Transferred to Law Department	$802 13	
Transferred to Investigating Comm. Poor Dept.	50 00	
Total amount transferred		$852 13
Unexpended balance		147 87
		$1000 00
Appropriation		1000 00

Department	Appro.	Refunds and Transfers	Total	Expended	Balance
Selectmen	$2285 00	$182 00	$2467 00	$2455 63	$11 37
Auditing and Accounting	1850 00		1850 00	1849 11	89
Treasurer and Collector	3780 00		3780 00	3737 00	43 00
Assessors	3115 00		3115 00	3096 64	18 36
Law	600 00	1024 56	1624 56	1624 56	
Town Clerk	1400 00	12 00	1412 00	1412 00	
Election and Registration	570 00	315 39	885 39	877 24	8 15
Town Hall	3252 50	881 70	4134 20	4133 39	81
Police	7900 00	161 33	8061 33	8059 10	2 23
Fire	9229 00		9229 00	8953 62	275 38
Forest Warden	100 00		100 00	34 50	65 50
Weights and Measures	375 00		375 00	332 80	42 20
Moth	2500 00	4285 23	6785 23	6784 84	39
Tree Warden	1000 00		1000 00	999 50	50
Health and Sanitation	4475 00	127 08	4602 08	4541 35	60 73
Highways	32,043 70	150 60	32,194 30	31,826 84	367 46
Topsfield Road	3882 79	8000 00	11,882 79	10,302 61	1580 18
Out Poor	9000 00	265 35	9265 35	9264 27	1 08

Department	Appro.	Refunds and Transfers.	Totals	Expended	Balance
Town Farm	4300 00		4300 00	4291 79	8 21
State Aid	1500 00		1500 00	1500 00	
Soldiers' Relief	1100 00	98 00	1198 00	1189 30	8 70
Parks	500 00		500 00	499 81	19
Playground	2500 00		2500 00	2500 00	
Cemeteries	2350 00		2350 00	2349 71	29
Cable Hospital	1500 00		1500 00	1500 00	
Interest	5980 50	1043 84	7024 34	7024 34	
Maturing Debt	8550 00		8550 00	8550 00	
Education	70,994 08	997 22	71,991 30	71,990 95	35
Memorial Building	40,000 00		40,000 00	18,278 95	21,721 05
Town Hall Repairs	22 28	3828 21	3850 49	3850 49	
Memorial Day	250 00		250 00	250 00	
Armistice Day Celebration	173 30		173 30	165 15	8 15
Band Concerts	200 00		200 00	200 00	
Town Wharf	125 00		125 00	93 45	31 55
Shell Fish	200 00		200 00	188 75	11 25
Reserve Fund	1000 00		1000 00	852 13	147 87

PERPETUAL CARE—CEMETERY FUNDS

	Amount Jan. 1920	Income	Expense	Balance Jan. 1921
Cogswell	$449 91	$20 50	$3 00	$467 41
Andrews	295 56	13 30	5 00	303 86
Giddings	169 13	7 52	4 00	172 65
Potter	132 97	5 98	4 00	134 95
Kinsman	77 67	3 49	9 00	72 16
Samuel Blood	65 98	2 97	2 00	66 95
Staniford	133 66	6 02	1 50	138 18
Trow	463 68	20 87	5 00	479 55
Dawson	163 77	7 37	2 00	169 14
Birch	56 61	2 54	2 00	57 15
Aaron Kinsman	58 73	2 64	2 00	59 37
Varrell	412 60	18 56	3 00	428 16
Eben Kimball	201 37	9 05	2 00	208 42
Willcomb	82 68	3 72	2 00	84 40
Daniel Clarke	145 30	6 54	2 00	149 84
Rogers & Johnson	110 80	4 98	4 00	111 78
Harriet L. Kimball	155 63	7 00		162 63
George Kinsman	155 68	7 00	3 50	159 18
Martha Lakeman	75 39	3 40	2 00	76 79
Caldwell	132 98	5 98	4 00	134 96
Pingree	109 63	4 93	2 00	112 56
Young	25 77	1 16	1 00	25 93

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
Mary Haskell	57 70	2 59	2 00	58 29
Hovey	139 37	6 27	2 00	143 64
Plouff	60 13	2 71	2 00	60 84
Farley	160 45	7 22	2 00	165 67
John B. Lamson	75 50	3 40	2 00	76 90
Joseph Spiller	59 51	2 68	2 00	60 19
Locust Grove	44 67	2 00		46 67
Mary E. Peatfield	123 83	5 57	2 00	127 40
Lucy F. Spiller	65 16	2 92	2 00	66 08
Josiah, Lydia H. Lord	164 93	7 42	2 00	170 35
Eben Caldwell	124 62	5 60	4 00	126 22
Coburn	348 14	15 66	5 00	358 80
M. E. Barber	67 22	3 03		70 25
Sarah E. Durgin	112 17	5 04	2 00	115 21
Joanna Kinsman	133 06	5 99	8 00	131 05
Charles W. Giddings	134 62	6 05		140 67
John Allen Brown	134 31	6 04	3 00	137 35
Millett & Kimball	232 34	10 45	7 00	235 79
Samuel Blake	142 49	6 41	2 00	146 90
William G. Brown	150 71	6 78	6 00	151 49
Catherine Clarke	147 40	6 64	2 00	152 04
Charles Palmer	119 78	5 39	2 00	123 17
Sally Roberts	159 97	7 20	2 00	165 17
Eugene Spinney	146 56	6 59	2 00	151 15
Mary M. Fields	72 60	3 26	1 50	74 36
Luther Lord	136 91	6 16	3 00	140 07
Ezra Lord	141 70	6 37	2 00	146 07
Lucy H. Brown	146 62	6 59	2 00	151 21
Patience H. Bray	124 99	5 63	5 00	125 62
Richard T. Dodge	145 13	6 53	2 00	149 66

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
Henry F. Russell	114 29	5 14	2 50	116 93
George Haskell	362 17	16 29	10 00	368 46
Theodore C. Howe	143 40	6 46	2 00	147 86
Nathaniel Shatswell	137 43	6 19	3 00	140 62
George H. Gilmore	71 20	3 21	2 00	72 41
Wm. A. and Ida M. Stackpole	174 01	7 83	3 50	178 34
Hannah H. Pearson	65 19	2 93	1 50	66 62
Harry K. Dodge	140 96	6 34	2 00	145 30
Henry S. Holmes	115 87	5 21	3 00	118 08
Caroline E. Hodgkins	57 68	2 59	2 00	58 27
Aaron F. Brown	77 93	3 51		81 44
J. Farley Kinsman	131 17	5 90	2 00	135 07
Thomas Brown	120 16	5 41	3 00	122 57
Wm. P. and Arthur W. Gould	139 53	6 28	2 00	143 81
Lucy C. Coburn	297 66	13 40		311 06
William H. Kinsman	125 00	6 63	4 00	127 63
Caroline E. Bomer	119 06	5 36	3 00	121 42
Elizabeth A. Bailey	62 66	2 81	1 50	63 97
John Lane	54 97	2 48	3 00	54 45
Hannah Parsons	66 98	3 02	1 50	68 50
E. & T. F. Cogswell	103 31	4 64	3 00	104 95
Moses & Ezekiel Peabody	118 45	5 33	2 00	121 78
Charles H. Cutler	133 52	6 01	2 00	137 53
Wm., Abigail Haskell	55 84	2 51	3 00	55 35
Willis & Stacey	131 40	5 92	2 00	135 32
George E. Lord	131 06	5 90	3 00	133 96
Nora Fraser	58 10	2 61	2 00	58 71

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
Franklin G. Morris	134 15	6 04	2 00	138 19
Robert Stone	53 26	2 40	3 00	52 66
Emerson Howe	119 67	5 38	5 00	120 05
Caroline E. Lord	102 00	4 59	3 00	103 59
Robert Gilmore	268 96	12 10	3 50	277 56
John D. Cilley	132 56	5 96	3 00	135 52
James Griffin	128 52	5 78	3 00	131 30
Eunice C. Cowles	142 34	6 40	3 00	145 74
Ward F. Kenney	59 32	2 67	2 00	59 99
Josiah Dudley	112 23	5 04	4 00	113 27
John C. Kimball	393 40	17 70	4 00	407 10
Jennet F. Caldwell	219 28	9 87	2 00	227 15
Rebecca G. Hayes	55 23	2 49	1 50	56 22
John Galbraith	106 58	4 79	3 50	107 87
Thomas Holland	125 47	5 65	2 00	129 12
John Choate	79 92	3 60	3 00	80 52
Lucy Slade Lord	141 98	6 39	4 00	144 37
Walter E. Lord	120 61	5 42	2 00	124 03
Lemuel Smith	54 19	2 44	2 00	54 63
Samuel J. Goodhue	58 43	2 63	1 50	59 56
John A. Johnson	123 94	5 58	2 00	127 52
Charles H. Noyes	57 83	2 60	1 50	58 93
Edwin H. Damon	57 93	2 61	1 50	59 04
Benjamin Newman	122 78	5 52	3 00	125 30
Nathaniel Archer	116 68	5 25	2 00	119 93
Abby J. Purington	123 16	5 53	2 00	126 69
Sarah A. Seward	121 62	5 47	2 00	125 09
Frances P. Weeks	58 33	2 62	1 50	59 45
George A. Lord	55 86	2 51		58 37
William Heard	113 77	5 12	3 00	115 89

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
Martha E. Hanson	244 58	11 00	2 00	253 58
Charlotte M. Kimball	126 90	5 70		132 60
Mary J. Patterson	114 69	5 15	4 50	115 34
William L. Rust	53 31	2 40	1 50	54 21
E. Maria Stone	84 43	3 80	3 00	85 23
L. S. & E. B. Jewett	281 13	12 64	6 00	287 77
John Cook	54 42	2 45	1 50	55 37
Johnathan L. Choate	171 53	7 71	4 00	175 24
Sarah E. Twombley	108 90	4 90	3 00	110 80
N. S. & Eben Kimball	105 80	4 76	3 00	107 56
Gen. James Appleton	272 53	12 26	8 00	276 79
Etta L. Wentworth	52 29	2 35	2 00	52 64
Baker & Dixon	98 90	4 45	2 00	101 35
Chas. H. Baker	81 79	3 68	2 00	83 47
Jeremiah Brockelbank	51 63	2 32	1 50	52 45
William H. Russell	52 63	2 36	1 50	53 49
Winthrop Low	52 63	2 36	1 50	53 49
Edward Morrill	52 63	2 36	1 50	53 49
Jerry Spiller	104 27	4 69	3 00	105 96
Abbie M. Fellows	53 20	2 40	1 50	54 10
Nathaniel R. Farley	108 55	4 88	3 00	110 43
Eunice & Elizabeth Farley	53 68	2 42	1 00	55 10
Mrs. Chas. S. Willcomb	109 55	4 93	3 00	111 48
Perkins & Chapman	166 02	7 47		173 49
Clara B. Dobson	52 63	2 36	1 50	53 49
Mrs. Chas. D. Weeks	113 35	5 10	2 00	116 45
Mary E. Roberts	108 24	4 87	2 00	111 11
Everard H. Martin	103 69	4 67	4 00	104 36

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
John B. Brown	112 87	5 11	2 00	115 98
Mrs. Harr't A. Lamson	52 63	2 36	1 50	53 49
William Kimball	78 10	3 51	3 00	78 61
Olive P. Smith	106 23	4 78	2 00	109 01
David F. Dow	50 50	2 27	2 00	50 77
Eliza A. Foss	54 23	2 44	2 00	54 67
Sylvanus Caldwell	108 27	4 87	6 00	107 14
Mary J. Staniford	107 92	4 86	6 00	106 78
Frank H. Lord	102 08	4 59	6 00	100 67
Mary E. Bowen	51 59	2 32	2 00	51 91
Hannah M. Peatfield	106 10	4 78	2 00	108 97
H. B. Brown	79 14	3 57	2 00	80 71
Geo. A. Mann	106 19	4 78		110 97
Alice H. Bone	52 07	2 34	1 50	52 91
Everett K. & Margaretta Brown	105 10	4 73	3 00	106 83
Pauline T. Farley	108 84	4 89		113 73
William Duckworth	157 60	7 09	2 00	162 69
George Spiller	320 40	14 40	3 00	331 80
Foster Russell Heirs	104 44	4 69	4 00	105 13
Emma W. Tyler	105 10	4 73	2 00	107 83
Emma Baxter	52 05	2 34	2 00	52 39
Wm. A. Spiller	51 55	2 32	2 00	51 87
Seth Senior	51 87	2 33	1 50	52 70
E. M. Carpenter	51 52	2 32		53 84
John C. Foss	50 84	2 28	2 00	51 12
Joseph Johnson	51 00	2 30	1 50	51 80
Dexter McIntire	50 50	2 27	2 00	50 77
Mary A. Foster	50 50	2 27	2 00	50 77
Maria Mann	77 58	3 49	2 00	79 07

	Amount Jan. 1921	Income	Expense	Balance Jan. 1922
Warren Boynton	51 87	2 33	2 00	52 20
John A. Burnham	77 81	3 50	2 00	79 31
James E. Gallagher	103 75	4 67	3 50	104 92
Arthur Buckley	51 68	2 33	1 50	52 51
Samuel H. Baker	51 25	2 31	2 00	51 56
Joseph F. Wood	102 50	4 61		107 11
George Brown	50 84	2 28		53 12
Elizabeth L. Smith	101 25	4 56	2 00	103 81
Mrs. John J. Sullivan	101 25	4 56	3 00	102 81
Richard R. Foster	101 05	4 55	2 00	103 60
Hannah S. Bond	75 81	3 41	2 00	77 22
Mrs. E. H. Welch	100 50	4 52	2 00	103 02
Wm. H. Woodworth	100 00	4 50	2 00	102 50
Jeremiah Prescott	75 00	2 81	2 00	75 81
Mrs. Nellie B. Simms	50 00	1 69	1 00	50 69
Caverly	100 00	3 38		103 38
Abbie Collins	50 00	1 69		51 69
Andre Woodbury	50 00	1 50		51 50
E. Newton Brown	100 00	3 00		103 00
Lucy A. Hunt	100 00	4 13	2 00	102 13
Frederick Willcomb	100 00	4 13	2 00	102 13
	$21,702 45	$971 70	$455 00	$22,219 15
Income undivided				4 71
				$22,223 86

NOTE.—On Page 68, Jan. 1920 should read Jan. 1921 and Jan. 1921 should read Jan. 1922. Publishers.

RECEIPTS

Amount of Fund, January, 1921		$21,183 33
New Funds during year	$625 00	
Income from Investments	870 53	
		1495 53
		$22,678 86

EXPENDITURES

Paid for care of lots	$455 00	
		$455 00
		$22,223 86

INVESTMENT ACCOUNT

Town of Ipswich, Electric Light 4s	$2000 00	
Town of Ipswich, Water	7500 00	
City of Fitchburg, School 4s	3000 00	
Water Front Improvement Loan 4s	1500 00	
Liberty Bonds	5650 00	
Ipswich Memorial Building Bonds	2000 00	
Ipswich Savings Bank	573 86	
		$22,223 86

INCOME ACCOUNT

Balance undivided January, 1921		$105 88
Town of Ipswich, Electric Light Loan	$80 00	
Town of Ipswich, Water	300 00	
City of Fitchburg, School Loan	120 00	
Water Front Improvement	72 00	
Liberty Bonds	245 12	
Ipswich Savings Bank	53 41	
		870 53
		$976 41

CREDIT

Cemetery Funds	$971 70	
Income undivided	4 71	
		$976 41

OTHER TRUST FUNDS

Elizabeth M. Brown Fund

Town of Ipswich, in trust, the income to be used under the direction of the Selectmen, by the Agent of the Society for the Prevention of Cruelty to Animals.

Balance, January, 1921	$932 68	
Income	37 66	
Deposited in Ipswich Savings Bank, January, 1922		$970 34

John C. Kimball Fund

Town of Ipswich, Trustee, under the will of John C. Kimball, income to be used for the purchase of books for the Ipswich Public Library.

Balance, January, 1921	$510 00	
Income	20 20	
		$530 20
February 3, 1921, paid to F. A. Kimball, Treas.		20 20
Deposited in Ipswich Savings Bank, Jan., 1922		$510 00

TREASURER'S DEPARTMENT

Receipts and Expenditures

RECEIPTS

Balance Dec. 31, 1920		$8207 58
Taxes 1918	$72 37	
Taxes 1919	1559 38	
Taxes 1920	14,450 70	
Taxes 1921	162,432 12	
		178,514 57
Moth 1917	$4 80	
Moth 1919	8 61	
Moth 1920	131 65	
Moth 1921	3048 45	
		3193 51
Department Bills:		
Commonwealth of Massachusetts:		
Mothers' Aid reimbursement	$228 00	
		228 00
Estimated Revenue Receipts		
Commonwealth of Massachusetts:		
Income Tax 1918	$117 00	
Income Tax 1919	393 00	
Income Tax, 1920	1965 00	
Income Tax 1921	11,306 86	

Income Tax 1921, School Fund		7612 00
Corporation Tax, Pub. Serv., 1921		1426 93
Corporation Tax, Domestic, 1921		1919 82
Corporation Tax, Foreign, 1921		147 38
Corporation Tax, Dom., 1920		11,768 34
Corporation Tax, Foreign, 1920		133 51
National Bank Tax, 1921		10,073 43
Civilian War Poll Tax		30 00
Soldiers' Exemption		119 41
Licenses:		
Junk	$140 00	
Amusement	173 00	
All other	240 50	
		553 50
Third District Court, Criminal Fines		1150 50
County of Essex, Dog Licenses		280 49
Collector's Dept., Costs, etc.		28 55
Co. of Essex, rent of Court Rooms		325 00
Rent of Hall		425 00
All other Gen. Government receipts		69 59
Police Department:		
Ipswich Mills, services		1560 00
Fire Department:		
Town of Rowley,		
services	$100 00	
Sale of supplies	24 83	
		124 83
Weights and Measures fees, 1920-1921		158 13
Health Department:		
Common. of Mass., Subsidy		76 43
Highway Department:		

Sale of horse	$160 00	
Use of horses, F. D.	100 00	
Sale tip cart, harness	100 00	
Sale junk, slprs., etc.	241 67	
		601 67
Town Farm Receipts:		
Sale of produce		2321 05
Poor Department, Receipts:		
Com. of Mass., Mothers' Aid	$150 00	
City of Gloucester, reimbursement	31 00	
Indiv. reimbursements	65 00	
		246 00
School Department:		
Com. of Mass., Tuit'n State Wds.	$364 00	
Town of Rowley, Tuition	1840 00	
Com. of Mass., Vocat'l Education	89 90	
Telephone refunds	21 64	
		2315 54
Com. of Mass., bounty on seals		5 00
Town Scale receipts		24 75
Sale of cemetery lots and graves		300 00
Interest on taxes		899 66
Interest on deposits		1097 29
Interest on temporary loans		15 54
Interest on Memorial Bldg. Bonds		318 44
Com. of Mass., Eastern Mass. R. R. bond refund		104 27

Director of Accounts, refunds	4 00	
		60,017 91
Com. of Mass., State Aid		1506 00
Com. of Mass., Topsfield Road reimbursement		4000 00
County of Essex, Topsfield Road reimbursement		4000 00
Electric Light Dept., light, power, etc.		37,567 17
Water Dept., water rates and supplies		20,359 61
Electric Light loan		4000 00
Memorial Building bonds		40,000 00
Out Poor and Town Farm loan		2500 00
Police Dept. and Health Dept. loan		1700 00
Topsfield Road loan		2500 00
Temporary loans		135,000 00
Perpetual Care, new funds		625 00
Cemetery Trust Funds, for care of lots		455 00
Trust Fund Income		928 39
Moth Dept., reimbursement		582 71
Kimball Fund		20 20
		$505,905 65

EXPENDITURES

Accountant's Warrants:	
Department orders	$209,903 41
Electric Light Dept. payments	48,759 74
Electric Light Dept. notes	4050 00
Electric Light Dept. interest	2275 00
Water Dept. payments	12,266 18
Water Dept. notes	2150 00
Water Dept. interest	7745 00
Temporary loans	95,000 00
Interest on temporary loans	5043 84
General loans	6400 00
Interest on general loans	1980 50
County Tax	13,459 32
State Tax	18,340 00
State Special Tax	864 60
State Highway Tax	5077 00
National Bank Tax	748 89
Gypsy & Brown Tail Moth Tax	4 47
Municipal Lighting Plant Tax	25 91
Civilian War Poll Tax	4539 00
Wm. J. Riley, Treas. Trust Funds	625 00
Trust Fund Income	928 39
Refunds	30 16
	$440,216 41
Balance, December 31, 1921	65,689 24
	$505,905 65

BALANCE SHEET

DR.

Cash on hand, December 31, 1921		$65,689 24
Wm. J. Riley, Collector Tax 1917	$310 39	
" 1918	405 79	
" 1919	651 17	
" 1920	6961 37	
" 1921	26,376 03	
Moth 1915	21 85	
" 1916	127 47	
" 1917	42 89	
" 1918	47 23	
" 1919	6 60	
" 1920	41 43	
" 1921	652 57	
Electric Light	5104 20	
Water	5624 83	
Department Bills	679 44	
Commonwealth of Massachusetts	1363 00	
Overlay, 1918	183 02	
Electric Light Department	4702 73	
		53,302 01
Sinking Fund, Water Department	$137,000 65	
Net Bonded Debt	197,399 35	
		334,400 00
Trust Funds		23,704 20
		$477,095 45

CR.

Overlay, 1915	$16 64	
Overlay, 1917	171 23	
Overlay, 1919	1470 89	
Overlay, 1920	1380 84	
Overlay, 1921	2608 22	
Temporary Loans	70,000 00	
Electric Light Revenue	5104 20	
Water Revenue	5624 83	
Town Farm	325 00	
Education	35	
Payne School Repairs	1000 00	
Cogswell School Repairs	1000 00	
Welcome Home Celebration	8 15	
Soldiers' Memorial Committee	970 14	
Shell Fish	11 25	
Memorial Building	21,721 05	
Water Department	2473 83	
		$113,886 62
Refunding Loan	4200 00	
Central Fire Station Loan	6000 00	
Electric Light Loan	56,100 00	
Water Loan	191,600 00	
Winthrop School Loan	14,000 00	
Heating Plant Loan	5000 00	
Water Front Improvement Loan	1500 00	
State Guard Equipment Loan	1800 00	
Out Poor and Town Farm Loan	2500 00	
Police Dept. and Health Dept. Loan	1700 00	
Motor Pump Engine Loan	7500 00	
Topsfield Road Loan	2500 00	
Memorial Building Loan	40,000 00	
		$344,400 00
Cemetery Trust Funds	$22,223 86	
Kimball Library Fund	510 00	
Brown Animal Fund	970 34	
		23,704 20
Excess and Deficiency		5104 63
		$477,095 45

AUDITOR'S STATEMENT

I hereby certify that I have examined the accounts of the Treasurer and find them correct and the balance in the hands of the Treasurer to agree with the report submitted. I have approved vouchers for all bills paid and find them to agree with the Treasurer's warrants.

FREDERICK S. WITHAM,
Auditor.

Notes Maturing 1922

Central Fire Station Loan	$1000 00	
Refunding Loan	700 00	
Winthrop School Loan	1000 00	
Heating Plant Loan	500 00	
Water Front Improvement Loan	300 00	
State Guard Equipment Loan	900 00	
Motor Pump Engine Loan	2000 00	
Topsfield Road Construction Loan	1000 00	
Out Poor and Town Farm Loan	2500 00	
Police Dept. and Health Dept. Loan	1700 00	
Memorial Building Loan	2000 00	
Electric Light Loan	4550 00	
Water Loan	2150 00	
		$20,300 00

Interest on Debt 1922

Central Fire Station Loan	$260 00	
Refunding Loan	168 00	
Winthrop School Loan	560 00	
Heating Plant Loan	200 00	
Water Front Improvement Loan	60 00	
State Guard Equipment Loan	67 50	
Motor Pump Engine Loan	375 00	
Topsfield Road Construction Loan	137 50	
Out Poor and Town Farm Loan	65 97	
Police Dept. and Health Dept. Loan	44 86	
Memorial Building Loan	2000 00	
Electric Light Loan	2268 00	
Water Loan	7659 00	
Temporary Loans (estimated)	5000 00	
		$18,865 83

TAX COLLECTOR'S REPORT

Year	Uncollected Dec. 31, '20	Collected 1921	Abated	Uncollected Dec. 31, '21
1917	$310 39			$310 39
1918	660 38	$72 37	$182 22	405 79
1919	2434 94	1559 38	224 39	651 17
1920	22,068 53	14,450 70	656 46	6961 37
*1921	189,309 05	162,432 12	500 90	26,376 03
		$178,514 57	$1563 97	$34,704 75

* Amount committed.

BONDED DEBT

Name of Loan	Amount	Payable
Central Fire Station	$6000 00	Serially 1922-1927
Refunding	4200 00	Serially 1922-1927
Winthrop School	14,000 00	Serially 1922-1935
Heating Plant	5000 00	Serially 1922-1931
Water Front Improvement	1500 00	Serially 1922-1926
State Guard Equipment	1800 00	Serially 1922-1923
Motor Pump Engine	7500 00	Serially 1922-1925
Topsfield Road Construction	2500 00	Serially 1922-1924
Memorial Building	40,000 00	Serially 1922-1941
Out Poor and Town Farm	2500 00	1922
Police and Health	1700 00	1922
Electric Light	56,100 00	Serially 1922-1938
Water Notes	31,600 00	Serially 1922-1936
Water Bonds	130,000 00	1924
Water Bonds	30,000 00	1927
Total Bonded Debt	$334,400 00	
Sinking Fund, Water Dept.	137,000 65	
Net Bonded Debt	$197,399 35	

TEMPORARY LOANS

Percy G. Crocker & Co.	$25,000 00	April 1, 1922
C. D. Parker & Co., Inc.	30,000 00	April 15, 1922
Ipswich Savings Bank	15,000 00	May 10, 1922

LIST OF UNPAID 1921 BILLS

SELECTMEN

A. Stanley Wonson, wire inspection	$44 38	
Chas. S. Garrett, supplies	3 90	
		$48 28

LAW DEPARTMENT

Frank E. Raymond, services	$30 00	
		$30 00

TOWN CLERK

E. J. M. Scahill, death returns	$16 00	
M. G. McGinley, M. D., birth returns	16 50	
B. B. Mansfield, M. D., birth returns	8 25	
Geo. G. Bailey, M. D., birth returns	11 25	
Catingo Georgapulos, birth returns	5 00	
Geo. A. Schofield & Son, printing	9 00	
Chas. W. Bamford, balance salary	17 80	
		$83 80

ELECTION AND REGISTRATION

Chas. W. Bamford, salary	$75 00	
Chas. H. Glasier, salary	25 00	
Lyman H. Daniels, salary	37 50	
		$137 50

TOWN HALL

George Fall, fuel	$97 50	
Chas. L. Lovell, fuel	162 86	
Electric Light Dept., light and supplies	91 60	
J. J. Merrill, supplies	21 60	
A. I. Savory, supplies	26 50	
F. E. Wood, trucking	3 00	
American Railway Ex. Co., express	57	
Peoples' Express, express	42	
Joseph A. King, repairs	7 94	
R. L. Purinton, plumbing	16 87	
George Hayes, plumbing	7 02	
Geo. B. Robbins Co., disinfectant	8 75	
Water Dept., water	2 75	
New England T. & T. Co., telephones	7 05	
		$454 43

POLICE

Edward Leavitt, salary	$33 00	
H. O. Whittier, salary	21 00	
John W. Goodhue, supplies	3 92	

D. A. Grady, auto hire	7 75	
New England T. & T. Co., telephone	10 12	
H. A. Russell, meals	14 67	
		$90 46

FIRE

The Gamewell Fire Alarm Tel. Co., supplies	$30 63	
		$30 63

MOTH

John W. Goodhue, supplies	$3 73	
Fitzhenry-Guptill Co., supplies	13 27	
Joseph Breck & Sons, supplies	13 52	
		$30 52

HEALTH

John W. Goodhue, supplies	$1 57	
City of Salem—Health Dept., board, care	105 71	
		$107 28

POOR DEPARTMENT

Geo. Fall, fuel	$151 30	
E. C. Lord, milk	1 76	
J. H. Vermette, rent	18 00	
M. C. McGinley, M. D., services	286 00	
Ipswich Meat Market, provisions	12 10	
Ralph K. Whittier, burial	12 00	
C. S. Tyler, supplies	21 90	
Walter F. Poole, groceries	217 67	
John A. Woleiko, groceries	10 00	
		$730 73

TOWN FARM

Wm. G. Horton, grain	$12 30	
Marcorelle Bros., groceries	55 93	
Co-op. Grocery Stores Co., groceries	23 29	
		$91 52

SOLDIERS' RELIEF

John A. Brown, rent	$84 00	
Geo. G. Bailey, M. D., services	132 00	
Walter F. Poole, groceries	126 00	
		$342 00

EDUCATION

John W. Goodhue, supplies	$11 81
R. L. Purinton, plumbing	14 56
Samuel C. Gordon, trucking	34 50
G. A. Barker, insurance	35 49
Mrs. Wm. H. Rand, rent of land	25 00
Mass. State Prison, supplies	25 00
W. Castella Henderson, repairs	14 54
Manzer & Damon, carpentry	47 25
D. Sidney Perley, wood	8 00
Chicago Apparatus Co., supplies	1 96
County of Essex, support of truants	52 00
A. I. Savory, supplies	13 50
Canney Lumber Co., lumber	16 47
Hinds, Hayden & Eldridge, Inc., text books	8 54
Edward E. Babb & Co., supplies	1 74
Ginn & Company, text books	4 10
Barnes & Noble, Inc., text books	26 20

J. L. Hammett Co., supplies	31 22	
Oliver Ditson Co., supplies	37 21	
Ruggles-Klingemann Mfg. Co., supplies	23 50	
American Railway Ex. Co., express	91	
New England T. & T. Co., telephones	12 62	
		$446 12
Total unpaid bills		$2623 27

LIST OF TOWN PROPERTY

School Houses	$120,000 00
Public Buildings	40,000 00
Public Grounds	10,000 00
Town Farm	30,000 00
Cemeteries	5000 00
Heard Wharf	100 00
Averoff Wharf	3250 00
Turkey Shore Pasture	1000 00
Woodland, Linebrook	200 00
Woodland, Common Fields	75 04
Thatch Bank, Great Flats	
Thatch Bank, Third Creek	
Two Gravel Pits, Washington Street	1500 00
Fire Apparatus	21,500 00
Highway Department	9878 00

In addition to the property enumerated above, there is the shore, beach and other property given to the Town by the Commoners, value of which is not estimated. The valuation of Water Works and Electric Lighting Plant will be found in the Water and Light Report.

ASSESSORS' REPORT

APPROPRIATIONS

Selectmen	$2285 00
Auditing and Accounting	1850 00
Treasurer and Collector	3780 00
Assessors	3115 00
Law	600 00
Town Clerk	1400 00
Election and Registration	570 00
State Aid	1500 00
Soldiers' Relief	1100 00
Police	7000 00
Fire	9229 00
Forest Warden	100 00
Tree Warden	1000 00
Parks	500 00
Weights and Measures	375 00
Health	3675 00
Town Hall	3252 50
Highways	27,043 70
Cemeteries	2350 00
Out Poor	7000 00
Cable Hospital	1500 00

Town Farm	3800 00
Maturing Debt	8550 00
Education	70,994 08
Electric Light	10,767 00
Water	2237 50
Moth	2500 00
Memorial Day	250 00
V. H. Grant Reimbursement	225 00
Band Concerts	200 00
Town Wharf	125 00
Shell Fish	200 00
Playground	2500 00
Total Appropriations	$181,573 78
State Tax	18,340 00
County Tax	13,459 32
State Highway Tax	5077 00
State Special Tax	864 60
Municipal Lighting Plant Tax	25 91
Gypsy & Brown Tail Moth Tax	4 47
Civilian War Poll Tax	4545 00
Excess of Abatements above 1914 Overlay	708 76
Excess of Abatements above 1918 Overlay	20 51
National Bank Tax	707 40
Overlay, 1921	3110 62
Total amount to be raised	$228,437 37
Less Estimated Income	40,461 65
Net amount to be raised	$187,975 72
Amount assessed on 1513 Polls	7565 00
Amount assessed on Property	180,410 72

Amount of Personal Property assessed	1,346,406 00
Amount of Real Estate assessed	4,917,846 00
Total valuation April 1, 1921	6,264,252 00
Number of horses assessed	298
Number of cows assessed	514
Number of sheep assessed	37
Number of other neat cattle assessed	132
Number of swine assessed	104
Number of fowl assessed	5535
Number of acres of land assessed	17,645
Number of persons assessed	2313
Number of persons assessed on property	1378
Number of persons assessed on poll only	935
Number of dwelling houses assessed	1300
Rate of taxation, $28.80 on $1000	
Additional December assessments were as follows:	
Personal Property	$9238 00
Real Estate	31,325 00
Total December assessments	$40,563 00
Total assessment for year	6,304,815 00

Respectfully submitted,

RICHARD R. GLASIER,
GEORGE FALL
Assessors of Ipswich.

REPORT OF CHIEF OF POLICE

Board of Selectmen,
Gentlemen:

I have the honor to submit to you the report of the duties performed by the Police Department for the year ending December 31, 1921:

Total number of arrests		396
Arrests by months:		
January	10	
February	12	
March	14	
April	13	
May	31	
June	66	
July	55	
August	40	
September	70	
October	45	
November	18	
December	22	
Total		396
Classification of Crime:		
Drunkenness	116	

Gaming	14	
Larceny	12	
Non-support	7	
Violation Fish and Game Law	4	
Assault and Battery	22	
Assault on Police Officer	5	
Bastardy	1	
Non-Attendance at School	1	
Violation Town By-Laws	12	
Violation of Auto Laws	118	
Liquor Nuisance	2	
Sale of Liquor	5	
Keeping Liquor with intent to sell	10	
Assault on Female Child	1	
Peddling without License	1	
Lewd Co-habitation	4	
Violation of Health Regulation	1	
Carrying a loaded Revolver without Permit	1	
Adultery	2	
Carrying a Dangerous Weapon	2	
Breach of Peace	5	
Vagrancy	37	
Operating Automobile while under influence of Liquor	6	
Trespass	6	
Maintaining a Dog Nuisance	1	
Total		396
Classification of Crime:		
Crimes against Persons	28	
Crimes against Property	18	
Crimes against Public Order	350	
Total		396

Disposition of Cases:		
Fined	186	
Probated	8	
Committed to House of Correction	17	
Filed	78	
Appealed	17	
Continued	23	
Discharged	18	
Suspended	24	
Defaulted	12	
Dismissed	13	
Total		396
Miscellaneous Business:		
Assistance rendered to persons in distress	7	
Buildings found open and secured	44	
Complaints investigated Police Duty	503	
Complaints investigated as Field Driver	51	
Committed to Danvers State Hospital	6	
Lost Children restored to Parents	1	
Number of dogs killed	37	
Number of hours of special duty for private parties	810	
Inventory of Police Department:		
Number of Badges	14	
Number of Chain Twisters	12	
Number of Electric Flashlights	5	
Number of pairs of Handcuffs	4	
Number of Keys	30	
Number of Metal Whistles	6	
Number of Revolvers	3	
Number of Clubs	14	

Amount of Fines received from the Third District Court turned over to Town Treas.	$1150 50
Money received from the Ipswich Mills	1560 00
Total	$2710 50
Money turned over to State for automobile fines	$1067 50

In submitting my report as Chief of Police for the year 1921, I wish to direct attention to the volume of business performed by the Police Department, with the various duties that devolve upon the same, in the maintenance of law and order, as appear in the enumeration above, and as confirmed by the official records of our Court, and other agencies, promoting the administration of justice in the Town.

Obedience, and respect for law, I believe is desired by all good citizens, and although some offenders, by cunning, subtle devises may have escaped detection, I believe, as far as limited resources will permit, I have reduced crime and violation of law within the town limits to a minimum, and this is due in a large measure to the unselfish devotion to duty of the officers comprising the force, who have faithfully and loyally co-operated with me, performing the duty assigned to them without complaint, and in many cases responding to the call in emergencies, after their period of regular duty had passed. This harmonious co-operation is in contrast to previous years, and has been an inspiration and great help to me in the enforcement of law.

The Department of Public Works of the Commonwealth, early in the year, through the Registrar of Motor Vehicles, Frank A. Goodwin, invited this department to co-operate with them in the strict enforcement of the motor vehicle laws, to the end that death and accidents might be reduced

in our highways. I have exercised my best judgment in keeping the speed of motor vehicles within the town limits to what is reasonable, with the sole purpose in view of creating respect and consideration for our motor vehicle laws, and to make our highways reasonably safe for travel.

Many complaints receive the attention of this department which never become part of the criminal records of either the Police or of our Courts. These cases consist principally of domestic disturbances, and minor transgressions of young children, and after an investigation it is deemed best, in the interest of the public, and of the offenders, to waive criminal proceedings, but to warn the offenders that a repetition of the offense will be brought before the Court. It is believed by this method that a criminal record is saved to many deserving ones, and results in a contributing step to good citizenship.

Police Officers are continually dealing with crime, criminals and law breakers, and are a conspicuous mark for attack by the vicious, depraved and mendacious, but it has been the policy of this department unless the public good and safety required the same, to ignore all such attack, and not to allow personal provocation to interfere with the performance of duty. It is believed that this policy tends to promote efficiency, and save the department from participation in matters more or less of a political nature.

In submitting this report, I wish to take this opportunity to thank the Chairman of the Board of Selectmen, Eben B. Moulton, who has co-operated with me in my efforts in the enforcement of law, and has unstintedly supported every movement to improve the moral standard of the Town. To thank the Chief Justice of our Court, the Clerk of Court, the Town Counsel, and all other Court Officers, who have been

very generous in their assistance to me.

To thank the Local Chief Telephone Operator and her staff who have in emergencies and other occasions, been of invaluable service in obtaining connections pertaining to matters of much importance in the administration of this Department.

To thank all Public Officials, and Citizens in general who have assisted me in many ways in the performance of my official duties.

Respectfully submitted,

EDWARD LEAVITT,

Chief of Police.

ENGINEERS' REPORT

To the Selectmen of Ipswich:
Gentlemen:

Following is the report of the Board of Engineers of the Fire Department for the year ending December 31, 1921.

Number of men in the department	33
Number of box alarms	26
Number of still alarms	29
Number of assemble calls	4
Total number of alarms	59
Number of feet of hose laid	7900
Property threatened by fire	$72,125 00
Insurance on same	76,900 00
Insurance paid	23,671 00

DEPARTMENT EQUIPMENT

Steamer	1
Hook and Ladder	1
Auto Combination	1
Auto Triple Combination Pumper	1
Hose Wagons	2
Hose Reels	3
Fire Alarm Boxes	20
Number feet of hose	5500

We wish to report that we have installed a new Box 333 to be used as an assemble call in place of three blasts.

We would recommend the amount of $500 for new hose the coming year.

We would recommend the same as last year the motorizing of our ladder truck.

ARTHUR H. WALTON
EDWIN M. POOLE
EDWARD H. SMITH
Engineers.

REPORT OF SUPERINTENDENT OF STREETS

Board of Selectmen.

Gentlemen:

I herewith submit the annual report of the Street Department for the year ending December 31, 1921:

Team No. 1 worked 499 hours at $1.25	$623	75
Team No. 1 worked 1691 hours at $1.00	1691	00
Team No. 2 worked 493 hours at 1.25	616	25
Single Horse worked 425 hours at 91c.	386	75
Single Horse worked 936 hours at 75c.	702	00
Report of Autocar Truck:	..	
Number of hours worked on highway	1134	75
Number of hours worked on Topsfield Road	613	
Number of hours worked hauling coal to Pump. Sta.	203	
Number of loads of coal hauled	274	
Number of loads of gravel hauled	1595	
Number of miles covered	8936	60
Number of gallons gasoline consumed	1595	
Number of gallons cylinder oil consumed	88	25
Report of Steam Roller:		
Number of hours worked on highway	484	
Number of hours worked on Topsfield Road	656	
Report of Oil and Tarvia:		

Number of gallons of road oil applied	16,000
Number of square yards covered	80,614
Number of gallons of tarvia applied	1000
Number of square yards covered	3158

INVENTORY

3 horses	$500 00
2 pairs double harnesses	100 00
2 pairs street blankets	50 00
2 pairs storm blankets	7 00
2 pairs stable blankets	7 50
2 two-horse carts	275 00
1 two-horse sled	50 00
1 two-horse sweeper	225 00
3 road machines	350 00
5 road plows	75 00
12 gravel screens	60 00
2 two-horse shovels	25 00
2 stone drags	10 00
1 two-horse stone roller	40 00
4 road drags	50 00
1 steam roller and scarifier	2100 00
1 gravel loader	1000 00
2 watering carts	225 00
7 snow plows	175 00
1 one-horse wagon	50 00
1 oil wagon	600 00
1 tar kettle	45 00
1 Ford truck	400 00
1 Albany jack	13 50
1 differential hoist	25 00
1 Autocar truck	2500 00

Snow fences	120 00	
All other tools, etc.	800 00	
		$9878 00

Respectfully submitted.

JOSEPH A. HUCKINS,

Superintendent of Street.

REPORT OF
SEALER OF WEIGHTS AND MEASURES

To the Honorable Board of Selectmen,
Gentlemen:

I have the honor to present to you the annual report of the Sealer of Weights and Measures for the year ending December 31, 1921:

	Sealed	Non-Sealed	Condemned
Platform Scales over 5000 lbs.	10		1
Platform Scales under 5000 lbs.	44		2
Counter Scales under 100 lbs.	30		
Beam Scales under 100 lbs.	1		
Beam Scales over 100 lbs.	3		
Spring Balance Scales over 100 lbs.	9		
Spring Bal. Scales under 100 lb.	27		2
Computing Scales under 100 lb.	31		
Computing Scales over 100 lbs.	1		
Personal Weighing Scales	4		2
Prescription Scales	3		
Avoirdupois Weights	313		
Apothecary Weights	57		
Metric Weights	40		
Liquid Measures	115		
Dry Measures	9		
Gasoline Pumps	12	1	1
Kerosene Pumps	8		

Molasses Pumps	5
Yard Measures	17

Fees and adjusting charges collected and paid to Town Treasurer, $84.91.

Respectfully submitted,

WILLIAM A. STONE,

Sealer of Weights and Measures.

The Playground Committee submits the following report:

At the annual March meeting in 1921 and at a later special meeting, $2500 was appropriated for the development of playgrounds and for purchasing equipment.

Swings and sand boxes were placed on the North and South greens and at the Linebrook playground. We felt that by doing this the children in those parts of the town migh have the same chance for amusement as the children near the Linebrook playground.

At the latter place the committee continued the work started on Community Day and before summer was ended had provided an oval running track which measured an eighth of a mile. This track was supported by a cement wall 18 inches high and the basin formed inside was sanded and used as a ball diamond and football field for small boys. During the winter this basin was flooded with water and served as a safe place for even the smallest child to skate on.

The large ball field was drained with land tile; the shade trees were trimmed; brush was removed; the fences were rebuilt and general repairs made.

A building was donated to be used as a storage place and dressing room and this was moved to the grounds.

As the most of this work was done during a period of unemployment we were enabled to give work to a number of men who were without work.

We recommend that the sum of $500 be appropriated

to continue this work during the coming year.

CHARLES A. MALLARD
FRANCIS WADE
LESLIE C. MILLARD
KATHERINE F. SULLIVAN
MARTHA J. STEWART
GERTRUDE R. SHEPPARD

In addition to the $2500 expended by the Town the following bills have been paid:

John W. Goodhue, supplies	$25 20	
Henry S. Spaulding, services	3 82	
Charles L. Lovell, cement	187 10	
Total		$216 12
Received from sale of loam	$35 51	
Received from sale of posts	8 00	
Received from Community Service	172 61	
Total		$216 12

There is also due from sale of loam, $28.00.

TOWN CLERK'S REPORT

BIRTHS

Fathers born in		Mothers born in	
Ipswich	26	Ipswich	34
Mass.	43	Mass.	42
U. S.	20	U. S.	14
England	2	Eng.	4
Ireland	3	Scotland	2
Scotland	2	Ireland	2
Rus. Aus. Poland	52	Rus. Aus. & Pol.	52
British Prov.	27	British Prov.	32
Greece	33	Greece	33
Italy	2	Italy	2
Germany	1	France	1
Unknown	8	Sweden	1
	219	Total	219

MARRIAGES

Grooms residing in		Brides residing in	
Ipswich	41	Ipswich	48
Other Places	28	Other places	21
	69		69

Grooms born in		Brides born in	
Ipswich	13	Ipswich	16
Mass.	23	Mass.	18
U. S.	6	U. S.	4
British Prov.	11	British Prov.	15
Ireland	1	Ireland	1
England	1	England	1
Poland	6	Poland	6
Greece	8	Greece	8
	69		69

Married in Ipswich	60	Other places	9
Residing in Ipswich	41	Brides	48
Other places	28	Other places	21

Married by Protestant Clergymen	35
Married by R. C. Clergymen	23
Married by Greek Clergymen	9
Married by Justice of the Peace	2

DEATHS

Whole number of Deaths for the Year, Eighty-Six namely: In January, 9; February, 10; March, 6; April, 8; May 3; June, 7; August, 4; September, 9; October, 4; November, 6; December, 13; Total, 86.

The following were ninety years of age, namely, with date of death:

January 2, Martha R. Choate, 91 years, 1 month, 17 days.

January 6, Frances D. Wall, 93 years, 9 months, 22 days.

February 20, Caroline K. Roberts, 92 years, 3 months, 13 days.

March 13, Edward W. Choate, 90 years, 6 months, 29 days.

April 4, Joanna F. Patch, 98 years, 6 months, 3 days.

July 12, Charles H. Bell, 92 years, 11 months, 17 days.

July 24, Lucretia S. Lord, 92 years, 4 months, 2 days.

There were seventeen deaths of children one year of age or less. Thirty-two were natives of Ipswich. Twenty-nine of other parts of the United States. Twenty-five were of foreign birth.

The following Licenses have been issued during the past year:

Druggist License	1
Innholders	2
Common Victuallers	10
Coffee Houses	4
Pool and Billiards	11
Bowling Alley	1
Agent's Motor Vehicles	5
Gasoline	4
Manufacture of Tonic	1
Slaughter House	1
Standard Oil	1
Auctioneers	2
Total	43

Whole number of Dogs licensed	176
Kennel License 2, 5 dogs each	10
Total	186

REPORT OF OVERSEERS OF THE POOR

We feel that the Town Farm under the management of Mr. and Mrs. Woodman has been excellent as can be seen by our report. We hope the services of Mr. and Mrs. Woodman can be retained. The inmates are comfortable and well cared for, while the Farm shows a decided increase in the receipts of sales.

We are changing the old cows for younger and better stock thereby increasing the milk supply at a much lower cost.

The inventory has been changed, but it should be remembered that the value of property is either what it would bring upon the market or what it would cost to replace it. Also the inventory never shows the amount expended for repairs, new buildings or additions to the old ones.

We recommend the installing of Electric Lights at the Farm both for safety and economy.

There is need of a new floor in the kitchen and small dining room as these floors are of brick and very uneven. The two hallways upstairs need new floors and some other small repairing about the house.

We would also recommend as soon as consistent to extending a one-story cattle barn on the remaining portion of the cellar as we could keep the cows and horses in that end

of the barn and have pens for sick animals which would be much warmer.

The work of the Overseers seems to vary some from former years inasmuch as so many have been unable to get work. This brings quite a number of applicants to us for temporary aid. We have investigated all cases and given aid where absolutely necessary. There are a few families that are dependent upon the Town caused by the death of the mother or father or sickness. A Greek widow with six children the eldest being eight years at an expense of $18 per week wished to return to her native home. Action was taken in early summer by the agent and a number of friends who helped make arrangements with the Greek Consul whereby we got reduced rates, also aid was extended by the Red Cross, Miss Stewart, and other ladies who helped out in clothing and wearing apparel, the cost of transportation was a total to the Town of $365.00 which made a large saving when you consider the expense was over $900.00 per year and would continue for a number of years.

It is hard to make a definite sum for our year's work in advance on the Out Poor.

We feel sorry that we have been obliged to over-run our appropriation this year, but when we hear of some of the extra appropriations made in some of the other cities and towns we feel as though we had not done so bad.

FRANK T. GOODHUE,
JOHN G. SPERLING,
CHARLES S. GARRETT,
Overseers of the Poor.

REPORT OF CLAM AND FISH COMMISSIONERS

Board of Selectmen,
Gentlemen:

The following is the report of the Clam and Fish Commissioners for the year ending December 31, 1921:

We have inspected the clam flats at regular intervals, and find plenty of seed in the flats. We investigated several complaints on men digging without permits; and we ordered them to get permits which they did. On June 24th, we found five men digging clams on Ipswich flats without permits. We summoned them into court and four were found guilty and paid fines of five dollars each. We have not been bothered with men digging undersize clams during the past year.

At the annual town meeting, we were ordered to stop the dye and gas from being put in the river. Upon investigating, we found we had quite a problem to deal with, and we ask for more time to investigate. We recommend the closing of the flats on the North and northeasterly side of the river from Nabby's Point to Little Neck, from May 1st, 1922, to Dec. 1st, 1922; for the benefit of winter clamming.

The number of permits issued last year was 91.

Yours respectfully,

GEORGE U. BROWN,
HENRY SHAW,
FARLEY C. LORD,
Clam and Fish Commissioners.

REPORT OF THE BOARD OF HEALTH

Chapter 75, Sections 49, 50 and 52 of the revised laws require that all diseases dangerous to the Public Health shall be reported by the attending physician within twenty-four hours of their occurrence. Thirty-seven diseases are included in that list. These diseases must also be reported immediately to the State Department of Health

Following is the list for 1921:

Chicken Pox	68
Diphtheria	11
Dysentery	1
Measles	9
Mumps	10
Scarlet Fever	43
Pulmonary Tuberculosis	8
Other Forms	1
Typhoid Fever	6
Whooping Cough	3
	160

There were no deaths from any of these diseases, except tuberculosis.

Considerable expense was incurred in the care of Diphtheria and Scarlet Fever. A majority of these cases the Board was obliged to send to the Salem Contagious Hos-

pital for the protection of the public. Quarantine under police surveillance was necessary in several instances, one instance of defiance of the Board's regulations being particularly flagrant. There was no excuse in this instance that the parties were not intelligent enough to understand. The action was taken only after several complaints were made to the Board. This of course incurred extra expense which could have been saved had the parties been willing to co-operate in the quarantine regulations.

The only diseases that prevailed to an unusual extent were chicken pox and scarlet fever, there being 68 cases of the former and 43 of the latter. There were only 6 cases of Typhoid Fever, whereas in 1920 there were 33 cases. This year the Board felt that the milk supply should be carefully looked into and Dr. A. T. Pratt, of the Harvard School of Public Health was employed to make a survey of the places where milk used in Ipswich is produced. He made a careful survey and a number of recommendations. One of his recommendations, viz: that more visits should be made at these places by the milk inspector has been carried out and the milk inspector reports that general cleanliness is the rule in these dairies now.

The work of the department nurse in the Division of Child Hygiene and Tuberculosis has been thorough, and productive of excellent results. It will be found among the reports to the Department further on.

When the Board organized in March Mr. Eben B. Moulton was appointed Agent and Sanitary Inspector. Mr. Moulton has taken a great interest in the work of the Department and his close connection with the larger affairs of the town makes his services to this department of special value. His report as Agent, as well as those of the Milk

Inspector and the director and nurse of the Division of Child Hygiene and Tuberculosis follow.

Respectfully submitted,
GEO. E. MacARTHUR, M. D.,
J. DELLINGER BARNEY, M. D.,
GEO. W. SMITH,
Board of Health.

Ipswich, Feb. 1st, 1922.

Report of the Sanitary Inspector

To the Board of Health,
Gentlemen:

I beg to submit herewith the annual report of the Sanitary Inspector for the year ending December 31, 1921:

Number of complaints received and investigated	65
Contagious disease cards posted as follows:	
Scarlet Fever	25
Diphtheria	6
Dead animals buried or otherwise disposed of:	
Cats	5
Dogs	6
Hens	5

During the year one of the greatest nuisances that has been brought to my attention has been the depositing of all kinds of garbage and rubbish on the banks of and in the Ipswich River. I would respectfully call attention to the section of the Rules and Regulations of the Board of Health in regard to this nuisance and ask the public to co-operate with the Board in abating a very unpleasant nuisance. The sanitary conditions in general about the town are not as good as they should be. I have tried to meet conditions as

best I could with what I had to do with. I have tried to impress people with the fact that unless they co-operate better the Town will be called upon the install a sewerage system which will mean another heavy burden on the taxpayer.

Respectfully submitted,

EBEN B. MOULTON,
Sanitary Inspector.

Report of the Inspector of Slaughtering

To the Board of Health,
Gentlemen:

I herewith present the annual report of the Inspector of Slaughtering for the year ending December 31, 1921:

Number of hogs slaughtered	96
Number condemned	3
Number of calves slaughtered	8
Number of calves condemned	0
Number of cattle slaughtered	2
Number of cattle condemned	0

Respectfully submitted,

EBEN B. MOULTON,
Inspector of Slaughtering.

Report of the Milk Inspector

To the Board of Health,
Gentlemen:

In submitting my report as Milk Inspector for the year 1921, I think I am able to state that the milk situation of this town will compare favorably with any other town in the State. There has been no contagion during the year where

the origin has been traced to the milk supply and we should be congratulated in having such producers of pure clean milk. The Board of Health at its meeting in May voted to adopt Section 43 of Chapter 94, Acts of 1914 as a part of its rules and regulations which section provides as follows: "No producer of or dealer in milk shall sell or deliver for sale in any town any milk produced by him or dealt in by him without first obtaining from the Board of Health of such town a permit authorizing such sale or delivery." This applies to every dealer in milk no matter how large or small the quantity dealt in, and by this regulation we are able to keep in touch with all milk producers and dealers. In my several inspections of all places where milk is produced I found them in a clean and sanitary condition as in the past with the exception of a few new producers whose places were not satisfactory. Orders were given for a general clean up and on visiting these places a few days later I found that the orders had been complied with and permits were granted.

In closing I would suggest for the benefit of the public that whenever there is a contagious case or suspicion of a contagious case that they do not return any of the milk bottles from that house until all contagion has ceased and then only after the bottles have been thoroughly boiled. During the period of contagion a pitcher or other receptacle may be placed outside the door and the milk can be left in it thereby doing away with any chance of spreading the contagion.

I have also inspected all places where ice cream is sold and have found them in a clean and sanitary condition.

Number of Licenses issued	17
Number of Ice Cream Licenses issued	24

Oleomargarine dealers registered	11
Amount of fees received from the same	$26.00

Respectfully submitted,

GEORGE W. SMITH,
Milk Inspector.

January 12, 1922.

Division of Child Hygiene and Tuberculosis

Reports of the Director and Nurse

This is the 6th annual report of this Division. During the first five years child welfare as it was then called, better classified as child hygiene, was the only work carried on. Follow-up in Tuberculosis was then taken up and has now been carried on for a full year. The nurse's report will give the scope of the work along both lines.

Below is a list of the number of births for the past six years; also the number of deaths of infants under one year of age. It will be seen by these figures that there has been a steady decline in the mortality rate.

Year	Births	Deaths
1916	138	27
1917	155	24
1918	194	24
1919	195	21
1920	204	19
1921	219	16

These figures are submitted without further comment. Anyone can see that they represent a material reduction in the mortality rate of infants; and the reason why this work has become a part of the established policy of the Board.

The reports of the Department Nurse follow.

Respectfully submitted

GEORGE E. MacARTHUR, M. D.,
Director.

Ipswich, January 30, 1922.

Report of the Department Nurse

Below is given a summary of the work carried on the past year in child welfare and tuberculosis.

Infant Welfare Work

Cases brought forward	333
New Cases	176
Discharged	183
Over age	144
Moved away	30
By death	8
Could not locate	1
Home visits	1637
Prenatal visits	152
Still under care	330

Tuberculosis Work

Home visits	109
Discharged	9
By death	5
Moved away	4
Still under supervision	37
Pulmonary	23
Kidney	2
Hip	4
Spine	1
Peritonitis	1

Other forms (?)	6

Respectfully submitted,

MARTHA J. STEWART, R. N.,
Department Nurse.

Ipswich, January 30, 1922.

SELECTMEN'S REPORT

Highway Department

We wish to bring attention to the fact that the scarifier and gravel loader purchased during the past year have well repaid us, the gravel loader having practically paid for itself.

We recommend for sidewalks and gutters the same as last year, something of a permanent nature. We would again bring to your attention the need of rebuilding South Main and Market Streets. It could be bonded over a period of years and the town would have immediate benefit.

The Topsfield Road has been finished this year and is a valuable addition to our highways and if given proper supervision will last for some years.

The Newburyport Turnpike in this town will be rebuilt the coming year which will be a valuable asset to adjoining property.

Essex Road was not constructed last year on account of the State being unable to meet the Federal appropriation.

We are making strenuous efforts to have this work finished in 1922.

Town Hall

The Town Hall has been placed in good condition. The roof, which was in a very bad condition, has been repaired,

the interior has been thoroughly refinished and with the addition of new folding seats and scenery which we have ordered, we consider the hall to all intents and purposes as good as new.

We desire to extend our thanks to all those who have assisted us in our many duties.

Respectfully submitted,

EBEN B. MOULTON,
JOHN A. BROWN,
Selectmen of Ipswich.

Town of Ipswich.

ANNUAL REPORT

...OF THE...

SCHOOL COMMITTEE.



FOR THE YEAR 1921.

CHARLES G. HULL, PRINTER.
8 COGSWELL STREET, IPSWICH, MASS.
1922.

ORGANIZATION OF SCHOOL COMMITTEE.

Chairman . . . . . Herbert W. Mason

Clerk . . . . . George W. Tozer

Finance and Budget

Leslie E. Millard, term expires 1923
Ralph Burnham, term expires 1924

Text Books and Teachers

Herbert W. Mason, term expires 1922
Mrs. Winifred Johnson, term expires 1924

Buildings and Grounds

Dr. Geo. E. MacArthur, term expires 1922
Luther Wait, term expires 1923

School Physician . . . . George E MacArthur, M.D.

School Nurse . . . . . Martha J. Stewart, R. N.

Attendance Officer . . . . . George W. Tozer

Superintendent and Purchasing Agent

Joseph I. Horton
Office . . . . . Manning School Building
Office Hours . . . . . School Days from 3.30 to 5.00



EDUCATION.

General Expenses.

Joseph I. Horton, superintendent	$2365 00
George W. Tozer, clerk	400 00
George W. Tozer, truant officer	300 00
J. H. Lakeman, Postmaster, postage & box rent	48 87
George A. Schofield & Son, printing & adv.	93 30
Stanley A. Hull, printing reports	450 00
B. L. Goss, printing	6 50
Trimount Press, printing	2 22
Charles G. Hull, printing	1 50
University Paper Box Co., supplies	55 00
New England T. & T. Co., telephones	163 44
D. A. Grady, auto hire	64 50
J. W. A. Hayes, auto hire	4 00
Joseph I. Horton, car fares	72 73
George W. Tozer, taking census	100 00
George E. MacArthur, M. D., physician	500 00
American Railway Ex. Co., express	37 55
Peoples Express, express	11 41
F. E. Wood, express	19 03
Dennison Mfg. Co., supplies	1 57

George Swan, plans	125 00
S. M. Spencer Mfg. Co., supplies	15 50
H. M. Meek Pub. Co., directory	4 00
Mass. Tuberculosis League, supplies	2 77
Charles S. Garrett, supplies	6 75
	$4850 64

Teachers' Salaries.

Ralph C. Whipple	$1516 65
Lois E. Mann	1700 00
Elizabeth C. Ferguson	1480 00
Helen J. Blodgett	1280 00
Helen N. Damon	1160 00
Theresa R. Whittemore	1520 00
Lura L. Cole	840 00
E. Margaret Allen	1280 00
Katherine F. Sullivan	1540 00
Gertrude R. Sheppard	1040 00
Abby L. Smith	1160 00
Mabel V. Ladd	660 00
Mary D. Hamelin	1080 00
Leroy W. Jackman	1140 00
L. Eva Stearns	580 25
Marion E. Brown	1140 00
Hazel M. Weare	1113 34
Ruth F. Joyce	1000 00
Amy Stanford	995 00

Ethel M. Archer	1000 00
Grace A. Bowlen	1008 67
Frances P. Trussell	1020 00
Annie P. Wade	993 50
Lucy Ardelle Kimball	1120 00
Robert D. Conary	600 00
Addie S. Cook	330 00
Eva W. Merriam	480 00
Dorothy Darling	400 00
Anne E. Friend	400 00
A. Pauline Charles	320 00
Margaret Reilly	355 00
Alice D. Moran	440 00
Sara G. Houghton	360 00
Belle D. Rogers	440 00
Eva A. Willcomb	1000 00
Helen W. Marr	660 00
Gertrude Mansfield	630 00
Susan E. Lycett	600 00
Myrtle H. Cunningham	555 00
Martha J. Stewart	1000 00
Nellie T. Smith	1420 00
Lydia S. Harris	1040 00
Winifred Millard	792 25
Augusta Grenache	1120 00
E. Mabel Adams	660 00
Abby Fellows	1040 00
Arthur H. Tozer	866 67
Ernst Hermann	275 00
Cora H. Jewett	170 00
Carrie Ladd	1000 00
Vivian Giramaire	50 00
Hilda M. Schofield	118 00

Mrs. Ralph C. Whipple	290 00
Hattie W. Brown	287 00
Arthur W. Gould	1535 53
Lena J. Atherley	875 00
Mrs. Wm. Black	40 00
John G. Grainger	360 00
Ruth D. Marr	12 00
Grace Mansfield	24 00
	$47912 86

Evening School.

Katherine F. Sullivan	$ 46 00
Nellie T. Smith	46 00
Katherine Reddy	38 00
Abby L. Smith	36 00
Theresa R. Whittemore	4 00
Helen N. Damon	4 00
	$ 174 00

Text Books and Supplies.

American Book Co.	$424 36
Ginn & Company	530 22
D. Appleton & Co.	2 66
World Book Co.	4 06

Houghton Mifflin Co.	38 84
Edw. E. Babb & Co.	304 95
J. L. Hammett Co.	706 44
Regents Pub. Co.	1 20
Allyn & Bacon	21 15
Thos. J. McEvoy	11 50
Review of Reviews	10 50
The World	1 90
Silver Burdett & Co.	17 08
C. C. Birchard & Co.	15 10
John Wiley & Sons, Inc.	2 80
Zaner & Blozer Co.	52 22
J. B. Lippincott Co.	4 36
The Outlook Co.	25 80
Barnes & Noble Inc.	589 71
Scott Foresman & Co.	1 68
Little Brown & Co.	3 09
Perry Mason Co.	16 32
Child Health Organization of America	3 70
The MacMillan Co.	54 89
Hinds, Hayden & Eldridge, Inc.	1 84
Dowling School Supply Co.	217 40
Carter Rice & Co.	5 50
Kenney Bros. & Wolkins	89 17
Milton Bradley Co.	28 39
Wadsworth-Howland Co.	42 74
Geo. P. Brown & Co.	6 29
C. F. Chapman & Son	1 61
Elec. Light Dept.	12 00
Canney Lumber Co.	43 65
R. W. Burnham	69
Pitman & Brown Co.	2 00
A. J. Wilkinson & Co.	44 84

Chas. S. Garrett	25 63
N. J. Bolles	73 02
Titcomb & Co.	97
Hiller & Co.	45 27
Newman's Dept. Store	16 87
Andrew Dutton Co.	9 20
C. O. Abell	2 50
W. G. Horton	1 75
Underwood Typewriter Co.	67 81
Kee Lox Mfg. Co.	12 75
L. E. Knott Apparatus Co.	2 85
Oliver Ditson Co.	108 88
The Horace Partridge Co.	72 72
Neostyle Agency	22 10
Remington Typewriter Co.	5 94
Royal Typewriter Co.	202 50
The Grafonola Co.	7 50
A. H. Tozer	45
Chicago Apparatus Co.	19 37
W. H. Claflin & Co., Inc.	156 37
	$4195 10

Tuition.

City of Beverly School Department	$131 20
	$ 131 20

Transportation.

D. A. Grady	$1866 00	
Chas. F. Miller	552 50	
Walter K. Chapman	480 00	
W. E Garrette, Jr.	217 50	
		$ 3116 00

Support of Truants.

County of Essex	$ 179 71	
		$ 179 71

Janitor Service.

Fred B. Saunders	$1300 00	
Wm. J. Wallace	913 75	
Geo. W. Tozer	400 00	
I. E. B. Perkins	450 00	
Wm. F. Rutherford	150 00	
Mary E. Saunders	210 00	
Choate Cogswell	150 00	
Nutsie Blunda	58 50	
Mrs. Nathaniel Wells	24 00	
		$ 3656 25

Fuel and Light.

Coastwise Coal Co.	$456 82
Boston & Maine R. R. Freight	968 08
Chas L. Lovell	435 00
A. H. Peatfield	427 39
George Fall	328 84
Lathrop Bros.	288 48
Samuel C. Gordon, cartage	196 50
D. S. Perley	28 00
A. Story Brown	5 00
David Low, labor	6 75
Nutsie Blunda, labor	2 50
D. C. Cogswell	2 00
Ipswich Gas Light Co.	41 53
Electric Light Dept.	124 40
	$3311 29

Buildings and Grounds.

Manzer & Damon, carpentry	$52 87
Arthur W. Gould, carpentry	379 90
Geo. W. Hills, painting	72 10
Clapp & Lane, painting	284 00
Wesley J. Scott, carpentry	16 20
Junius Avery, carpentry	9 75
Nathaniel A. Wells, carpentry	4 29
Robert Irvine, carpentry	2 60

Austin L. Lord, masonry	225 20
Ipswich Mills, repairs	1 25
A. J. Brennan, plumbing	51 46
W. H. Rand, plumbing	311 74
R. L. Purinton, plumbing	75 84
George Hayes, plumbing	1 15
Canney Lumber Co., lumber	23 80
Reformatory for Women, flags	15 49
C. F. Chapman & Son, supplies	7 30
Frank J. Jameson, supplies	61 88
A. I. Savory, supplies	16 18
Standard Oil Co. of N. Y., supplies	38 00
Dustbane Mfg. Co., supplies	3 00
Water Dept., water	311 45
Samuel C. Gordon, trucking	74 00
Howard Blake, labor	13 50
Ipswich Mills, supplies	6 19
F. E Wood, trucking	1 00
J. J. Merrill, services & supplies	3 15
John W. Goodhue, supplies	112 20
Est. W. A. Mitchell, cleaning vaults	45 00
J. S. Jaslovich, cleaning vaults	55 00
Frank R. Schaller, piano tuning	17 00
A. C. Damon, supplies	2 85
The Grappelo Mfg. Co., supplies	7 00
Wm. B. Richards, teaming	5 95
Frank Ellsworth, labor	1 00
Joseph A. King, repairs	6 63
Wm. A. Banfill, painting	8 25
A. J. Barton & Son, labor on steps	2 50
Wire Specialty Mfg. Co., supplies	15 00
Walworth Mfg. Co., supplies	1 35
C. E. Simonds, masonry	19 90

Whitcomb-Carter Co., supplies	6	22
A. J. Wilkinson & Co., supplies	2	50
Fire Dept., supplies	2	83
Standard Elec. Time Co., supplies	2	86
Alfred Gallant, labor	2	00
Spencer King, labor	1	50
W. H. Claflin & Co., supplies	60	47
Fred A. Brown, supplies	5	00
Kenney Bros. & Wolkins, supplies	15	47
B. J. Conley, supplies	1	75
Masury-Young Co., supplies	64	94
Joseph E. Greene, Inc., supplies	13	75
	$2542	21

Furniture and Furnishings.

John F. Wippich, clock repairs	$ 4	50
C. O. Abell, machine repairs	1	00
Wm. E. Poole, clock repairs	1	00
A. C. Damon, supplies	55	85
Kenney Bros. & Wolkins, supplies	78	00
	$ 140	35

Rent.

Mrs. W. H. Rand,	right of way	$25 00
		$25 00

Diplomas snd Graduating Exercises.

Martin Diploma Co. diplomas	$66 90
Zaner & Blozer Co., diplomas	29 90
Herbert W. Mason, cash paid out for prizes	30 00
Rev. Carroll Perry, services	25 00
C. S. Tyler, ribbon	2 83
Hiller & Co., ribbon	1 28
	$155 91

Insurance.

Damon & Damon	$ 254 42
G. A. Barker	533 73
Edward C. Brooks	211 81
Chas. S. Garrett	205 22
Geo. A. Schofield & Son	198 05
Fred A. Brown & Co.	197 20
	$ 1600 43

Total expenditures	$71990 95
Unexpended balance	35
	$ 71991 30

Appropriation	$ 70994 08	
Appropriation unpaid 1920 bills	995 71	
Balance from 1920	1 51	
		$71991 30

Receipts for the year have been as follows:

Comm. of Mass., Income Tax, School Fund,	$7612 00	
Town of Rowley, Tuition	1840 00	
Comm. of Mass., Vocational Education,	89 90	
Comm. of Mass., Tuition State Wards,	364 00	
Telephone Refunds,	21 64	
		$ 9927 54

INSURANCE.

During the past year all school properties have been insured up to the 80 per cent of appraised value, in accordance to the vote of the Town.

The following is a list of properties and the insnrance carried on each item. All policies are written on a five year basis.

	Appraisal	Insurance	Premium
Manning Bldg.	$37,500	$30,000	$798.60
" Contents	12,500	10,000	368.00
Winthrop Bldg.	55,000	44,000	1179.20
" Contents	2,500	2,000	72.00
Burley Bldg.	27,500	22,000	450.00
Payne Bldg.	6,250	5,000	135.00
Dennison Bldg.	8,125	6,500	163.80
Warren St. Bldg.	6,500	5,200	139.36
Cogswell Bldg.	5,000	4,000	110.80
Linebrook Bldg.	1,200	1,000	36.00
Candlewood Bldg.	600	500	18.00
Portable Bldg.	1,200	1,000	28.60
Wainwright Bldg.	1,900	1,500	60.00
	$ 165,775	$ 132,700	$ 3559.36

REPORT OF THE SCHOOL COMMITTEE.

January 21, 1921

To the Citizens of the Town of Ipswich:—

On another page our Superintendent, Mr. Horton, has given a full detailed account of the work and administration directly connected with the school during the past year.

We desire to report to the Town that we must face immediately the question of more adequate facilities for taking care of the increasing number of scholars. This is now becoming a very serious question and should demand careful study. The Paine, Dennison, Cogswell, Wainwright and Warren Schools are unsanitary and inadequate and it would be poor economy to spend any more on these various properties. There are a number of suggestions but the chief one is that a new high school should be built, and if this were done, the present high school could be used as a Junior High School, and the Winthrop School for the lower grades. This would, therefore, give us three groups of school buildings, which would be adequate and up-to-date and give the scholars the physical facilities and a better opportunity for a proper education.

It has been suggested that the County property on Green Street might be utilized for a high school and there are also a number of other suggestions, such as the land around the present

high school.

The Committee recommend that this matter be brought up at the Annual Town Meeting with the idea that the School Committee be authorized to make a special study of this and report at a special Town Meeting for the purpose of definately deciding upon this matter, so that, if possible, we might go ahead and have this already for another fall.

Respectfully submitted,

Herbert W. Mason
George E. MacArthur, M. D.
Luther Wait
Leslie C. Millard
Mary U. Johnson
Ralph Warren Burnham
School Committee of Ipswich.

SUPERINTENDENT'S REPORT.

To the School Committee of Ipswich, Mass.

Gentlemen:—

This report of the condition of your schools, herewith submitted, forms the twentieth in the series issued from the office of the Superintendent of Schools, and is the sixth presented by the present incumbent.

In the opening paragraph of last year's report, I advised you of the steady growth of our school membership, the increasing number of teachers employed, and *the continued shrinkage in school accommodations.* In each and every particular these statements must be considerably amplified in order to represent even approximately the conditions actually existing in our schools to-day. Never has our enrollment been larger, never has a larger number of teachers been employed, and never before has our seating capacity been so severely taxed; In fact, *there is no more room available in any of our school buildings.*

A glance at the table below will acquaint you more fully with the basic facts of the situation, than any extended verbal explanation could possibly furnish.

Year	1917	1918	1919	1920	1921
Enrolment	996	1000	1072	1219	1307
Per Cent of Increase	2.15	.4	7.2	13.71	7.21
Number of teachers	32	32	32	36	38
No. pupils per teacher	31	31	33	33	34
Births	149	182	195	204	*215
Increase of enrollment for the five-year period.					311
Per cent of Increase	" "	"	"		31.22
Increase of births	" "	"	"		66
Per cent of Increase	" "	"	"		44.29

*Estimated.

Manual Training, domestic science, cadet teachers, and supervisors are not included in the above numerations. The enrolment for 1916 was 975.

Such a showing is extremely gratifying and gives evidence of the continued interest of our citizens in this most important and necessary bulwark of real democracy, the public schools. It should be a source of real pleasure and pardonable pride to feel that our educational progress is keeping pace with our industrial activities, that our good old town is growing and developing symmetrically.

But there is another side to the shield; and this view brings us face to face with a proposition that demands our immediate attention. We need more room. Our schools are over-crowded. In some of the rooms there are pupils for whom there are no regular seats, and there is no room for additional seats.

Both teachers and pupils are working under a severe handicap. No teacher can do justice to all the pupils where the classes are made up of such large numbers. Thirty-five is the limit recommended by educational authorities. What can be expected where the number of pupils is fifty per class? And we have classes that are in excess of this number.

It is here in the first grades where the children most need the influence of the personal touch. It is here that the foundations for the superstructure of characters are to be laid; and they should be laid so broad and deep, so wisely and well, that we may be assured that the building arising thereon may be "beautiful, entire, and clean." Here is the child's most imperative need, the teacher's greatest opportunity, her most exalted privilege; and our present condition of over-crowding stands right across their road.

Such conditions also preclude the possibility of standard grading. Those children whose minds are not naturally alert will be the greatest sufferers; not only in the present but all through their school life. They will lose interest and become discouraged. School will become distasteful to them and they will drop out at the first possible opportunity. More than this, these repeaters add to the congestion of the lower grades, a condition that should not be tolerated, especially at this point of their school career where their impressions of all that pertain to school should be of the brightest possible hue.

Some of our children are traveling unnecessary and unreasonable distances. Not a few of them pass right by the school where they properly belong in order to reach the building that

affords accommodation.

The Portable School building furnishes another item for your consideration. As I understand the matter, the purchase of this building was only a make-shift proposition at the start; and in a way which has never included comfort at any season of the year, has answered its purpose. It responds to atmospheric conditions with a fidelity that is simply exasperating. It is hot in summer; cold in winter; and, when it rains there is no dissimulation in its performance. During the year we have expended nearly fifty dollars in repairs upon the roof in the hopes of correcting this habit, but the rain still descends.

This is one of our most congested districts, and provision should be made for its rapidly growing population. Additions should be made to the Burley School that will adequately provide for present and prospective needs.

During the fall term the membership of the Linebrook School was greatly reduced by the removal of one or more families from that district. Under more favorable housing conditions within the central schools of the town, I would recommend that the remaining pupils be transported, and the school be closed; but not under present conditions. I still have hopes that this school may make sufficient recovery to warrant its continuance, but the present conditions only emphasize the need of more room. The existence of both of our rural schools is dependent very largely upon a population that is far from permanent in these localities; and the same fate may overtake the school at Candlewood, much as we dislike to recognize that contingency.

The Manual Training department, too, is overcrowded. The schedule Mr. Gould is attempting to carry is beyond all limits of reason; but it is the best arrangement that can be made under present conditions. This is one of the most popular and important departments in the whole school system; and with suitable accommodation is capable of considerable expansion both

in scope and practical usefulness.

Some of our school buildings, as is well known, still remain the despair of both school authorities and the towns-people as well. They are old, unsightly, inconvenient, and unsanitary. Repeated efforts and attempts at improvements have resulted in failure. In every instance the cost of remodeling, even to the extent of satisfying the laws of the state, has been in excess of the value of the buildings themselves.

The grounds about these buildings are utterly impossible of improvement, and the location of the Payne School, especially in these days of traffic congestion, holds many elements of danger to the little folks attending this school.

In view of all these facts, and they are patent to everyone, it would seem necessary that the School Committee should submit some comprehensive plan or outline, tentative, of course, which should be the basis of some constructive policy on building program of the future, for consideration and adoption by the Town. Something beyond present needs, but including them:--something, that with the passing of the years, will give evidence of design and purpose by its completeness; something that will attest to the foresight, the generosity, the high ideals, and the civic pride of all our citizens,

At the close of the school year in June the consensus of opinion was that our schools had attained a higher level of efficiency than had been noticeable for some time past. This opinion was confirmed by the actual facts: A larger percentage of the graduating class from the High School attended college and other institutions of higher education than ever before within the history of school. Many of the Juniors, too, passed their preliminary examination in a manner highly creditable to the character of the work done thus far. Best of all, these pupils are maintaining splendid ranks in their respective schools, and thereby giving a higher standing and an added prestige to their

alma mata. We have yet to learn of a single instance in which these pupils are not "making good."

This topic is of vital interest to all parents, teachers, citizens, but most of all to the pupils. I just make a simple allusion to it; and earnestly desire that you should read the report of Mr. Whipple, our High School principal, where a fuller treatment of this important subject has been given.

The annual School Exhibition was held in the early part of June and was the largest and most complete display of school work that we have ever offered. Every grade and department was represented, not only by specimens of written work, but by the demonstration of class work by the regular teacher. The work in reading, writing, number work, hygiene, geography, stenography, typewriting, speed test, etc. was shown, and brought most favorable comments from those present. The whole exhibit was brought together with the least possible confusion, and the spirit of co-operation was evident throughout the entire program. The only difficulty encountered arose from the lack of room required for a systematic arrangement of the material brought in, and in some cases, this amounted to the total exclusion of the work of a single department. All the work was of excellent quality, and was worthy of the highly commendable reports received. The time allowed was altogether too short, and it is planned to devote two afternoons and evenings to this work the coming year, so that nearly all may have the opportunity to attend.

Field Day Exercises.

The Field Day Exercises drew forth an unusually large attendance and the full program of events was completed in a manner satisfactory to all concerned. The full participation by the pupils of the Senior High School in all events gave an added

interest to the occasion and settled definitely the status of this feature of our school activities.

The business men of the town acted as judges and awarded the prizes. With their decisions there has been no dissatisfaction and there were no accidents to mar the pleasure of the occasion.

In order that all may become acquainted with the aim and purpose of the work in soliciting contributions of material and money for these Field Day Exercises, let me say that the amount netted from these gatherings is used solely for beautifying school grounds. Up to the present all the work has been confined to the grounds about the Manning and Winthrop Schools; and I am sure that all should share in the feeling of pride, as well as of pleasure, at the improvement wrought in this locality. It furnishes a much-needed influence to our pupils in the school, and to the townspeople also. It is an asset of no uncertain value, not only to our own citizens, but to those who simply pass by; and many are the exclamations of appreciation and delight one hears from these "birds of passage."

School Grounds Improvement.

Next year's objective will be the Burley School-grounds if present plans do not miscarry. We have a fine building here and the possibilities of improvement are all that can be desired. With the help of those friends whose labors and interest in this work during the past has made these improvements possible, we hope to make another contribution to that undertaking whose fullfillment means Beautiful Ipswich.

Although this fund is derived from voluntary contributions, and has no relation whatever to any corporate appropriation or gift, I feel that it is only right and proper that some statement of the condition of the fund together with the record of receipts and expenditures should be offered for the enlightenment of all.

Mrs. Harry K. Damon has always acted as trustee and her report is herewith submitted:—

MRS. HARRY K. DAMON in account with School Grounds Improvement Association.

Dr.

1920				
Aug.	11	To Balance on hand	120	04
1921				
June	23	To Field Day Sales	259	55
July	11	To Field Day Sales	1	70
			381	29
1922				
Jan.	1	Balance on hand	117	75

Cr.

1921				
May	9	W. H. Stowe, shrubs	25	
June	2	Samuel Gordon, labor and team	63	50
"	23	Charles A. Glover, band	27	50
"	23	Patrick Dolan, labor	6	37
"	23	H. D. Foss & Co., confectionery	13	23
"	23	Helen F. Byron, ice cream	50	50
"	23	Samuel C. Gordon, labor	16	
"	23	A. R. Lopez & Bro., badges	36	32
Aug.	29	C. Leary & Co,, tonic	25	12
Dec.	31	Balance, in First National Bank	117	75
			381	29

Respectfully submitted,

MRS. HARRY K. DAMON.

Trustee.

Grades.

Another item in the list of this year's accomplishments is the elimination of the double grades in the Wainwright and Deunison Schools. Heretofore the children in these schools have been attending but a half day per grade. That is, the first grade came in the morning and the second grade in the afternoon, as the rooms would not accommodate both grades at the same time. We have sought to make this change for some time past, but have hesitated on account of the distance which some of these smaller pupils would be obliged to travel. But this year distance played but a small part in our consideration as our problem has been almost entirely to find accommodations; necessity compelled the much desired change, and the school is making much better progress under the new conditions.

Penmanship.

Penmanship is receiving the same careful supervision as heretofore. We feel that our schools are unusually well equipped for teaching this most important subject. Mrs. Nellie T. Smith the supervisor of this work in the grades, has an established reputation as an unusually successful teacher of writing: and Miss Whittemore whose fine display of penmanship at the School Exhibition called forth so many favorable comments, continues this work in the High School. If our pupils do not show reasonable progress in this line of work, the fault cannot be imputed to these teachers. With the co-operation of the room teachers measuring up to the records of the past, we may still expect standard work from this department.

Certificates have been awarded to no fewer than one hundred seventy five pupils during the year. Fifteen of these

were diplomas, which are next in rank to the highest given excepting to teachers who have had actual experience in teaching penmanship; twenty-three were for the grade below the diplomas, and the remainder were of grammar grade.

It should be remembered that these certificates are not awarded on the decision of any of our local authorities, but by disinterested persons whose basis of judgment is a carefully standardized scale of excellence in use throughout the country.

Through the generosity of Mr. Herbert W. Mason, the chairman of the School Committee, we were enabled to offer money prizes for the best specimens of penmanship produced in any of the grades below the Senior High School. Five of the best specimens were taken from each of the rooms competing and these were submitted to a committee composed of Boston School teachers, business men, and an expert penman. Each paper was carefully examined and marked according to the value given it by a majority of the committee, who unanimously declared that all the work was very satisfactory.

The following is the list of the pupils who received prizes:

Grade VIII.	Jennie Shulako	$ 5.00
" VII.	Bolka Klopotoska	2.50
" VI.	Corrina Bourque	2.50
" VI.	Margaret Michon	5.00
" V.	Mary Sourouvec	2.50
" V.	Peter Gonis	2.50
" IV.	Mary Klos	5.00

Comments are unnecessary; we offer our congratulations to those pupils who by persistent effort have secured these prizes.

School Exhibition.

For an account of the work in music, drawing, domestic science, and manual training, I refer the reader to the special reports under their respective headings. Suffice it to say that all these departments are showing a healthy growth and that the teachers manifest an enthusiastic and painstaking disposition towards their work. In each and every case they are giving much of their time and strength towards helping those pupils who have been irregular in their attendance, or who are behind in their work from other causes. While the work of these departments is usually considered as subsidiary, or outside the major divisions of the curriculum, these teachers are making a most commendable effort to hold each pupil up to his work, and there is little or no shirking. In confirmation of this view I would call to your mind the quantity and quality of the work displayed at the last School Exhibition, where each and every article bore witness to the amount of painstaking care bestowed upon the work submitted. It was an exhibition of work in process, as well as of the finished product; and those present were favorably impressed with what they saw.

Health Promotion.

I wish also to call attention to the reports of the school Physician and the School Nurse.

This department of our school work demands our most thoughtful consideration. It has the sanction of the best public sentiment and the authority of the law. Nothing is of deeper public concern than the promotion of health, and it is here in

our schools that the work of building strong bodies must be begun. Indeed, of so much importance to the general welfare is this matter considered by thinking men and women in every walk in life, that Harvard University has just created a School of Public Health; wherein are to be brought together the latest attainments in scientific knowledge and the co-operation of the foremost institutions of this and other lands. Our larger industries are beginning to recognize the economic value of physical betterment, and are making large expenditures of time and money to secure the desired results. We are coming to realize as never before, that as a matter of public economy alone, it is much cheaper to build our weakling children into strong and sturdy men and women by providing proper care and nourishment, than it is to care for the multitude of invalids who become publtc charges through our neglect. The whole question has long since passed the theoretical stage, and the public as well as the individual may now look for practical returns. I could give many concrete examples of this fact; but let this one suffice: A pupil in one of our schools was losing in weight, was growing listless, not caring for her books, and becoming weary on the least exertion. Her family history, so far as bodily vigor was concerned, was not good, and marked tendencies towards tuberculosis developed. Upon the advice of a physician she was taken to "Our Hospital" -- notice the capitals-- where she received the proper food and care. In ten days time she had gained four pounds and a little later was discharged from the institution.

Yes, I could site other instances; but charity forbids.

Although the schools are meeting the requirements of the law, they should go much farther than this if genuine and permanent results are to be attained. The percentage of underweights has been reduced somewhat during the year, but there is much work to be done. No determined effort to combat this

evil has yet been made; but the duty and the obligation are still ours nevertheless.

Provision should be made whereby the majority of the pupils of all our schools might partake of a mid-morning lunch. This might be brought from home; or it could be furnished by the school at a nominal cost. The item of expense, for the food itself, would be eliminated, as the pupil would pay the bill. This at first sight, might seem to be a mercenary project, and liable to work hardships to a great many pupils; but such would be far from the real fact. Anyone at all familiar with the spendthrift habits of most of our boys and girls at the present time, is quite convinced that the amount spent for candy, chewing gum, etc. is more than ample for all school lunch requirements.

A cup of hot cocoa or soup, or a glass of milk, or a sandwich of some kind, during the morning recess, would conduce greatly to a better physical and mental development, that would show itself in many ways.

Arrangements for carrying out this plan could be easily made, so far as the Burley and the Central Schools are concerned. But the other schools are so scattered and are so lacking in ordinary conveniences, that it is next to impossible to install any system that will deal impartially with all the children of the town.

Still, this subject is so vitally important, is so fraught with tremendous responsibilities, that we should not rest until our object is fully accomplished.

With such a system well established there would be a closer correlation with the physical training, and from such a combination larger results could be confidently expected.

Before leaving this subject, I wish to refer to the dental clinic which was established a few years ago for the benefit of the children of the town. The names of the men engaged in this noble work are well known to all, and need no commendation

from me. Their work speaks for them, and the appreciation of their worth will grow with the passing years. My object here is to point out to the citizens of our town this one grand fact,viz: That there is no child in this community, no matter how poor he may be, but what can receive the best care and treatment, free of cost or nearly so, for every bodily defect or ailment. Even his parents cannot abuse him, for the agent of the S. P. C. C. co-operates with the school authorities and brings down upon the heads of all such offenders the well-merited severity of the law. Here is something of which we may all be proud, and that fully justifies our best efforts towards its support and maintenance.

Cadet Teachers.

Considerable trouble has been experienced in the past to find capable substitute teachers in case of need. The source of supply is extremely limited; and even when found, the probabilities of having been away from school work for so long, made their value to the class, as a general thing, more apparent than real. Moreover such notices come with little warning, and it is only under the most favorable conditions that such vacancies can be filled without considerable loss of time. Application to out-of-town sources of supply is equally uncertain and the loss of time greatly increased.

Last September it was decided to try a new plan, whereby we could be assured of someone who would be thoroughly familiar with the work and be ready at a moments notice. Accordingly two of our former high school pupils who had just received their diplomas from the Salem Normal School were appointed as Cadet teachers in the Winthrop and Burley Schools.

Fortunately for these individuals, but unfortunately for the

system just inaugurated, both secured positions in other schools at a larger salary. We succeeded in employing one such teacher for the Burley School, where the plan has worked to our complete satisfaction.

Let me say by way of explanation, that such teachers are under the control of the principal of the school to which they are assigned, and are mostly engaged with the backward pupils of the different rooms, when not doing actual substitute work.

This also will become the testing ground for those teachers who desire positions on the permanent list. If these assistants show an aptitude and a love for the work, are progressive, and exhibit a good degree of those qualifications essential for a good, all-round teacher,the problem of the school authorities will be greatly simplified, by having such a source from which to make selection.

Circumstances have not permitted us to carry out our plans as originally intended, but from what we know of it, we feel justified in making it a permanent feature of our school program.

School Libraries.

There is positive evidence that a majority of our children in the grades do little or no outside reading. They are wholly unfamiliar with what is going on in the world about them, and show a deplorable indifference towards the information furnished by the various papers and magazines of the day.

Part of this igorance may be excusable as a large number of these pupils come from non-English speaking homes, and rarely or never see a paper or magazine that is printed in the English language.

This condition however only emphasizes the need of more outside work in this line of effort. Accordingly a daily paper

and one or more magazines have been furnished in some of the rooms, but not in all of them as yet.

We have also revised a list of books, adapted to each grade, that may be had from the Public Library, for home reading. This is not simply a suggested list, but one which the pupils are required to read, and then to give a summary of what they read.

This may seem to be rather drastic for outside work but anything short of it is time wasted. Suggestions bring few rereturns; requirements and compulsory demands even yield far less than we have a right to expect.

As there is considerable uniformity in cataloging and arranging books in all libraries, we plan to teach the outline of lessons on the use of books, and libraries as furnished by the State Department.

There should be the nucleus of a library in each of the three larger schools, so that the pupils may become familiar not only with the standard arrangement for all libraries, but also to have access to a few standard books and acquire the taste for good literature. Books should be added to these libraries each year, and even the youngest pupils should be encouraged to make use of them, while he has the guidance of an older person, in the formation of the reading habit.

Intelligence Measurements.

In conjunction with the teachers and superintendents of Newbury, Newburyport, and Amesbury, Mr. Whipple and myself undertook some work along this line under the direction of Professor Shaw of Harvard University. Some of us continued the course under this instruction after the class had disbanded, and attended many conferences where the subject was fully discussed.

This movement was given a new impetus during the war when it was necessary to grade and sort men for specific lines of work. It still claims the attention of employers and educators by reason of what it accomplished during that struggle. it makes a special appeal to school officials and teachers, as it holds the promise of a more rational and comprehensive method of systematic grading than is possible under the single one in use at the present time.

Each pupil must be given that place to which by natural endowment he is best fitted, and class distinctions and favoratism will be largely eliminated by its use. And right here is the danger point. Up to the present time the system has registered so many damaging disclosures of incompetency among the socially elect, that I fear for its popularity. On the other hand it has often discovered some very bright minds where we least expected to find them.

It has not been perfected and simplified sufficiently as yet to warrant its exclusive use by all laymen in grading school pupils. But we still have faith in the principle *per se*, and shall await its development with genuine interest.

The pupils of the Junior and Senior High School have been tested by this system of measurements, and the records are on file in my office.

Project Method In Geography.

This method has made decided advances in popularity and appreciation among both teachers and pupils during the past year.

Its strong points are: — Intensive work by all the pupils; development of individual and class initiative, thereby developing

the group spirit, or co-operation; multiplies the sources of information; conduces to thoroughness; gives exercise to the various faculties of the mind, as judgment, taste, etc.; and furnishes a tangible reward for the work accomplished.

This work was taken up last year with some of the classes with a fair degree of success, We are planning to enlarge the scope of the work this year, with a larger number, if with not all the classes.

Biography.

"All history easily resolves itself into the biography of a few stout and earnest persons."

We are beginning to recognize the truth of this statement. If you know the men who have influenced and shaped the conduct of the masses, you can predict what that conduct is likely to be; and the recorded facts of history will give fullfillment to your prophecy.

We are stressing this feature in our study of history this year as we feel that it shows a closer relation of cause and effect, and gives the pupil the right viewpoint. The chidren are the greater gainers from this deeper knowledge of the great characters of history; they see the man back of the event, and his character and his conduct inspire them as the bare outside facts can never do.

Night School.

Owing to lack of funds the opening of the night school was postponed for nearly two months. The laws of the State compel us to have such a school. But we are free to confess that it

was more in obedience to the laws, than to any settled conviction as to the practical usefulness growing out of such procedure that the work was undertaken.

The initial enrolment was about fifty five, and courses in reading, penmanship, business arithmetic, bookkeeping, and typewriting were offered. The pupils were enthusiastic, and we hoped that the whole term would be marked by the same spirit. But such was not the case. The attendance became irregular and fell off to such an extent that we were obliged to drop the courses in typewriting and bookkeeping and the teachers were dismissed.

We are happy to say that the school at last has come to that irreducible minimum where each pupil shows a seriousness of purpose and a determination to take full advantage of his opportunities. At the present time there are three classes in the school, one for foreign women, one for foreign men, and a mixed class of American men and women, nearly all are adults. All are happy in their work and making fair progress. They are responsive, and their eagerness to learn outranks that of the day pupils in many instances. It is a real pleasure to teach them and we are safe in predicting a very profitable season's work with these deserving people. It is here, through the school, that the work of Americanization must be done, and school authorities and the general public as well should insist upon utilizing these opportunities to the limit of their ability.

Professional Improvement of Teachers.

The importance of this subject is receiving the recognition and the attention of an increasing number of teachers and schoolmen generally. Standards are being raised all along the

line. Entrance examinations are harder to pass than formerly, and normal schools have lengthened their courses from two to ihree and four years time. Many of our cities and towns are requiring courses in professional work from their teachers and salaries are regulated, in a measure, upon this basis. The time is near at hand when all engaged in teaching will be required by law to do a specific amount of such professional work.

This work was undertaken by our teachers previous to the war, and one or two courses were completed. But since that time, and, owing chiefly to press of school work due to our overcrowded condition, the matter has been held in abeyance.

Such work is essential to progress in any line, and especially so in teaching. It is something the teacher owes to herself and to the school.

As soon as conditions can be made more favorable for its prosecution, this work will be resumed.

Lectures.

This method of imparting knowledge has stood the test of time and still finds favor with all classes as a successful mode for giving instruction. With the coming in of the stereopticon and the moving picture machine, the value of this educational agency has been increased many-fold. We therefore endeavor to make all possible use of this factor in our work, and quite a few very instructive and valuable lectures have been given. Others are under consideration.

we wish this time to tender our most sincere thanks to all those who have given so freely of their time and talents in making this feature of our school work so interesting and snccessful.

School Prizes.

As an incentive to better scholarship, the School Committee has awarded prizes to those pupils in the High School, ranking highest in each class.

The following list gives the names of those receiving prizes last year.

SENIOR CLASS.

First Prize. ..... Miss Hilda Scales

Second Prize ..... Miss Irene Atkinson

JUNIOR CLASS.

First Prize ..... Miss Ruth Marr

Second Prize ..... Mildred Mackinney

SOPHOMORE CLASS.

First Prize ..... Miss Helen Kimball

Second Prize ..... Master Wilfred Dunn

FRESHMAN CLASS.

First Prize ..... Miss Margaret Hunt

Second Prize ..... Miss Edna Peabody

THE SONS OF AMERICAN REVOLUTION MEDAL.

For Highest Rank In

UNITED STATES HISTORY

Was Awarded To

WILLIAM FRANCIS HAYES

Hereafter prizes are to be awarded to those pupils only who maintain a rank of 90, or over, throughout the year. The faculty and the committee are in full accord with this plan, as it establishes a definite standard, or goal to be reached, in order to secure a prize.

The old plan was indefinite and did not call forth the pupil's best effort; neither did it assist in standardizing the school. While the old plan so far has given fairly satisfactory results, in as much as advantage has never been taken of its inherent weaknesses, still the temptation was there, and might have led to a genuine decline of scholarship. The new regulation will remove this possibility and we shall look for a better quality of work in the future.

Penny Savings.

The same general plan of collection has been continued this year. Mr. Tozer calls at each school every week, collects the money received by the teacher, and gives his receipt for the same. Small sums are held until the amount is sufficient to open a bank account. A bank book is then taken out in the owner's namo. After this the owner of the book makes the deposits himself.

During the year there has been $ 204.97 collected and 34 new bank-books taken out. This does not represent all the money that has been saved by the pupils; for many of them are are interested in the purchase of savings stamps. The amount deposited by the owners of bank-books is never made known to us. We hope it may be a considerable sum, as the habit of

thrift formed while young is a great help to success later on. We are urging all of our schools to take a deeper interest in this matter.

In General.

The grading in our lower school has been somewhat demoralized since the opening of schools in September.

Owing to the lack of accommodations we were obliged to ignore all considerations of fitness, for the time being, and simply devote our energies to the work of housing the unexpected number of children presenting themselves for admission to our schools. Repeaters were pushed ahead, older children who, on account of their inability to read English, were obliged to begin in the lower grades. These have been given the opportunity of rapid promotion, repeaters are finding their level, and we are hoping for a full return to normal conditions very soon. This confusion may, after all, lead to beneficial results as we were compelled to seek out the brighter pupil and place him where he was *capable* of doing the work, without waiting for the arrival of the regular promotion period. In every instance, so far, these pupils are fully up to the average of the class to which they have been promoted.

The Junior High School has the largest enrolment that it has ever had, and is seriously handicapped for room. One of the corridors is used regularly for class-room purposes, and the settees have to be moved from one room to another as the requirements of the schedule demand. This makes confusion and would lead to considerable demoralization if the pupils were not held under the best kind of discipline.

Serious attempts are being made at the present time to enrich the course of study for this school, in the hopes of encour-

aging more of these pupils to continue such courses in the Senior High School.

For the first time during my term of office, I feel fully warranted in commending the work of our Senior High School to your favorable notice. Not but what the work of previous years has been satisfactory and has shown improvement in quantity and quality; but sufficient time had not elapsed to furnish the indisputable evidence of such assertions even had we chosen to make them.

But the evidence is all in, the real facts are before us and are of such a character that we can successfully challenge the skepticism of the most prejudiced. The school has made good, and no one can deny it. The class of 1921 was a banner class, and has set the pace for succeeding classes to follow.

It may be profitable for you to review the evidences of our faith, and, if so, I refer you to the report of Mr. Whipple, the principal of the school. But we must not stop here. There is sore need of more work of this character in this community and we feel sure that the school is capable of doing its share in that work. If we have gained the confidence of the community, we must have its co-operation also. The enrolment of this school should be doubled within the next few years, in order to bring the educational standards of the community up to the level of many other places.

We have a corps of good teachers,—earnest, capable, and willing to assist at all times. The pupils are showing an interest and are happy in their work. The evidences of discontent are wholly wanting, and that finer school spirit is growing more noticeable and pronounced. A larger number of the children of foreign parentage is to be found in the upper classes; and the parents themselves are manifesting a deeper interest in this school than at any time previous.

The outlook for our high school is most favorable; and

with the full assistance and sympathy of the parents, its membership should be increased to two hundred or more resident pupils within the next few years.

The Budget.

This subject has received that serious consideration from the school authorities that its importance demands, and each item of the account has been investigated with the utmost care.

The question of salaries is still unsettled. Whether they will maintain this present level, go higher, or lower, is still a matter of doubt and uncertainty. The output of our normal schools does not meet present needs and will not do so for two or more years to come. College graduates prefer other calling, and little relief can be expected from this source. The best opinion is that the present scale will remain and that the best teachers will demand higher pay and get it.

We shall need three additional teachers this year, hence the increase in the amount of this item.

Textbook and Supplies called for additional funds this year. Many of the books in use to-day are in such a dilapidated condition that replacement is the only alternative. More than a year ago some of these books were collected, and boxed up for shipment, but owing to lack of funds, the boxes were re-opened and the books distributed again for further use. But there is an end to all things; and the continued use of these books has already resulted in a loss of time and money far in excess of the price of exchange. The schools need reference books and charts. The need of blackboards is imperative, and they should be of slate. The work of many of our schools is greatly hin-

dered by the lack of suitable means for carrying on their necessary work.

Of course, it is thoroughly understood that our present needs are due largely to the attempts at curtailment during the excessive price ranges during the war. But books will wear out and replacement at the present time is an absolute necessity.

The item ot Buildings and grounds includes repairs and repairs and replacements. Here, too, we are confronted with conditions similar to those mentioned in the preceding paragraph.

During the coldest weather we have experienced so far this winter, the grate under one of the boilers in the Winthrop Building broke down, and upon examination its companion was found to be in poor condition. These grates were installed five years ago, and have done good service during that time. It is thought best to replace one of them, and to have another at hand in case of an emergency.

The sills of the basement windows in the Winthrop School, thirteen in all, are buried some little distance below the surface of the yard, and already show marked signs of decay, As a matter of economy the earth before them should be removed, and the woodwork protected by substantial brick or cement retaining walls, that will allow ample space for cleaning and painting whenever necessary.

The rooms in the old part of the Winthrop Building were so poorly lighted, and as complaints from parents, pupils, and teachers became so frequent, that it was decided to wire these rooms for the use of electrricity. This has been done ,but as the work was not completed until after January 1, 1922, no bill was presented. This item therefore will appear in this year's expense account.

There are other repairs that should be made this year.

The floors in the Manning Building have never been relaid, and, after forty-five years of constant wear, cannot be expected

to do further service.

The three items mentioned will explain the reason for the increase in this item of the budget.

In conclusion let me urge the necessity for increased school accommodations. A temporary relief may be gained by making a four-room addition - two rooms on each end - of the Burley school. This is our most congested district, and the population in this section is growing rapidly. For further consideration of this matter, I refer you to the report of the School Committee.

Budget for 1922.

General Expense	$ 4360
School Physician	500
Teachers' Salaries	52000
Evening School	500
Text Books and Supplies	5000
Transportation	2800
Support of Truants	200
Janitors	3700
Fuel and Light	3500
Buildings and Grounds	3000
Furniture and Furnishings	300
Right of Way	25
Diplomas and Graduation	150
Insurance	700
Athletics	200
Total	$ 76935

Acknowledgements.

It is with feelings of the deepest gratitude that I acknowledge my indebtedness to all my associates for the many and continued evidences of the co-operation, the sympathy, and the good will that have been manifested by each and all in the prosecution of the work of the year just closed. It has been a pleasant year; incidents of which we shall each take pleasure in recalling. Though the work has been hard and irksome in some instances, we have met it unitedly, and success has been won. The consciousness of having a part in the work for the common good sustains us all and will become the source of our chief joy. We have been partakers in the work, let us be partakers of its blessings, to the end that its influence may abide with us always.

Respectfully submitted,

JOSEPH I. HORTON.

Superintendent of Schools.

MANNING HIGH SCHOOL.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

It is with pleasure that I submit to you and to the citizens of Ipswich my second annual report of the work in the Manning High School.

First of all I wish to call your attention to the present occupation of our graduates in the class of 1921. I wish also to call your attention to the courses from which these young people graduated.

Name	Course	Present Employment
Gardner W. Brown	Latin	Post Graduate
Howard N. Doughty, Jr.	"	Exeter Academy
Richard S. Hodgkins	"	Post Graduate
William F. Hayes	"	Holy Cross College
Nathan Sushelsky	"	Harvard College
Joseph Frederick Witham	"	Boston College
Muriel Russell	"	Post Graduate

Gertrude Chapman	General	Commercial College
Anna N. Narkun	"	Foster's Shop, Rowley
Mary Martel	"	(Studying Music (Working at Helens
Esther Bisson	"	Salem Commercial
Catherine Caldwell	"	Salem Normal
Marion Scotton	"	Tyler's Store
Emma Haley	"	Foster's Shop, Rowley
Gerard M. Houghton	"	Mass. Inst. of Technology
Lawrence M. King	"	At Home
Maynard S. Whittier	"	Museum Fine Arts,Boston
Hilda Scales	Commercial	Burdett College
Irene Atkinson	"	G. A. Barker, Agency
Ruth Ardace Savory	"	Salem Commercial
Ruby M. Earley	"	Burnham's Trading Post
Katherine Reddy	"	(Martin W. Dugan Co. (Newburyport
Richard H.Ralph	"	(Ipswich Mills Office (Night work at North- (eastern College

In addition to the regular graduates of last year, the following attended school as Post Graduates and are now pursuing their studies as follows:

Austin Caverly	Mass. Inst. of Technology
Samuel Gordon	New Hampshire State College
Mary Nourse	Salem Normal School

You will notice from the above that all the graduates from the College Course, are attending College, or, doing special work with the intention of going next year.

From the general course and commercial course, the majority are going on with their education or making use of their high school training in work which could not be accomplished without such training. It is gratifying to see from the above, that four graduates from the commercial course are well situated in office work. I have received reports from the colleges, normal and commercial schools, and some of the employers of last year's graduates and post graduates, and I am pleased to say that all these reports are most pleasing.

Ipswich should feel proud to graduate from Manning High School, a class of such ambitious, energetic, young men and women who have found for themselves in practically every case, employment worth while. This is especially true at a time when the country is flooded with unemployment.

Even though we have reason to be proud of the twenty-five, including the post graduates, who went out from the school the last year we cannot help but say, "What is the reason Ipswich is graduating only twenty-three pupils from its High School?" And if you will notice three of these are pupils from Rowley.

I think if parents and friends of the pupils who graduated from the Junior High School four years ago last June, will study the situation a little, they will soon see the reason. The ambition to earn money at that time was so great that few stopped to think how much more they would be worth to themselves and the community with at least four years more of school training.

Probably I realize more than many the present attitude of those people who might have graduated in the class of 1921 if they had remained in school. Some have now come to realize the mistake made and resolved to continue their education in some way. Others, however, simply go on from job to job wondering why they are not wanted.

I believe there is no time in the life of a boy or girl so vital to future success and happiness as that period immediately fol-

lowing the time he or she leaves Junior High School. The child at that age is self-conscious and shows that self-consciousness either, in diffidence, or in an attempt to be bold, and independent. He cannot be left wholly to his own inclinations; even though he does not like school, or perhaps does not like a teacher, he should be encouraged to overcome that feeling and see something beyond.

The highest degree of efficiency to which our educational system has yet attained still leaves a gap between the junior high school and the high school. When the pupil enters high school he finds that even though he has learned all the principles of arithmetic, English, geography. and other elementary subjects, he is now expected to do a little more; he must correlate those principles he has learned, and through a process of his own reasoning he must solve simple problems; he must write and apply his principles of grammar. He has been dealing wholly with the concrete, he must begin to deal with the abstract.

He begins to wonder why he should study ancient history, but if we can keep his interest for a few weeks, we find him associating present conditions with facts of the early ages. He is bored with the study of Latin, but as time goes on, he begins to pick out of the common words he is using, words that have come to his knowledge directly from the Latin.

I assure you it is a pleasure to teach a group of children of the age with which we deal in the high school. We are sorry to say that we fail in arousing that interest in some pupils, but the cases in which we fail are few if the pupil can be encouraged to go on in school for at least two years. I have definite cases, in mind, of pupils who have attended high school for as many as three and even four years with apparently no interest in school work or life in general, finally coming to a realization of what they are missing, either by the personality of some one teacher, or the appeal of some special subject.

I called your attention in my report of last year to the fact that too large a proportion of pupils are inclined to the commercial course, and although the commercial course has proved itself of the greatest value in some cases, in other cases pupils take the commercial course only to find at the end of four years a desire to take advanced work without the proper preparation.

Our State Normal Schools and even Commercial Colleges prefer that a pupil applying for entrance be prepared to present Algebra, Geometry, and at least two years of a modern language. I still believe that a pupil entering high school, very rarely, has any idea as to what he will do after graduation, because of this feeling, I strongly recommend that a pupil take the College or at least the General Course for the first two years. The General Course as outlined at the present time will fit a pupil for a Technical School, Normal School, or any Commercial School.

I trust you will permit me to publish the course of study at this point that all may see the motive of my suggestion.

Course.

You will note that Algebra is required for the first year of all pupils; not that I believe all pupils get the greatest amount of good from such a plan, but keeping in mind the fact that few pupils at the time of entering high school have any definite plans for the future, and that all higher institutions require or at least expect a preparation in at least one year of algebra. I think we are justified in requiring the pupil to study it.

Standing of the School.

There seems to be much doubt in the minds of some as to the standing of the school among the high schools of the state. The school holds from the State Department of Education a rating as a Class A High School, meaning that we meet in general the demands of the State in preparing for State Normal, and Technical Schools. A pupil may enter such a school from this school on a certificate, if the rank has been at least 80 per cent in each subject certified.

The New England Certificate Board, made up of several of our New England Colleges, allows us the privilege of sending pupils on certificate if they have received a rank well above 85 per cent.

Worcester Polytechnic Institute has granted us this year for a period of five years permission to send pupils to that institute on certificate if the rank of the pupil is well above 85. There are many other institutions ready to accept graduates of our school on certificate.

We have another group of colleges, admitting no one until the required examinations of the New England Board have been passed. It is a credit to an individual to be able to pass these examinations. Pupils intending to enter college by any of the above methods, should never drop below 80 per cent at any time during the high school course; and in general, a pupil intending to go to college should have a rank above 90 per cent.

I believe the same holds true with graduates from the commercial course. Although rank does not always show the personality of the pupil, it is an exceedingly good indicator as to the nature of work he will do in an office or other line of work

after leaving school.

In order to do the work required, that the school may maintain its present standing, the pupil has a serious and hard task. I think people in general look upon the pupil in high school as having an easy time. It is a pleasant period in one's life but not *easy*. The pupils should have a definite program for each day, including at least one hour for recreation cut-of doors. I find that many do not have such a program, and many a day's work is not done because the individual is taken from his work for various outside interests. It is discouraging to the teacher to go before a class of pupils with poorly prepared work, and many times some pupils are too tired to even get the class work. A pupil cannot do good work, without regular habits of study, rest, and recreation.

Attendance.

A pupil cannot do satisfactory work if often absent. Every day lost from school is actually a waste and cannot be made up. The best pupil in school cannot afford to lose unnecessarily, even one day of the year's work. The workman staying away from his work for a day, loses that proportion of his pay. A store cannot do its best work if one of the force is absent; a printing office would fail to accomplish its work if it was compelled to put up with the absence of employees that we have to deal with among pupils in school.

I grant that absence is necessary at times, but aside from illness there is no logical excuse. Some pupils will not stay away from school unless physically unable to attend, while others are ready to stay away at the least provocation. Good scholarship and perfect attendance invariably go together, and some of

the best pupils in school fail because work is lost and cannot be made up.

The time is not only a waste to the pupil himself, but to the whole school system. A pupil stays out one week, and as a result the teacher has to put in an equivalent amount of time outside of school to help the individual, when she should be helping the whole class by correcting papers or preparing advanced work.

The total enrollment for the present school year is 163 divided as follows; post graduates, three; seniors, twenty-one; juniors, thirty-three; sophomores, thirty-five; freshmen, seventy-two.

The following people were neither absent nor tardy during the fall term:

SENIORS.

Ruth Marr

Catherine Ryan

JUNIORS.

Frederick Bailey

Albert Spyut

Dorothy Manthorn

SOPHOMORES.

Theo Boylan

Waldo Ellsworth

Christos Karigeanes

Millard Patterson

James Torpy

Lillian Brown

Edna Peabody

FRESHMEN.

Lawrence Wile
Christine Barras
Zella Zuoski
Kennard Damon
Edward MacDonald
Harry Merson
Isabella Swasey
Angie Wile
George Christopher
George Mark Hayes
Eustice McGregor
Carl Savage
Robert Shaw

The average attendance for the first sixteen weeks was about ninety-four per cent meaning that there were about eleven pupils absent from school each day on an average during the first sixteen weeks.

It seems that parents must realize the effect upon an organization of any sort, having only 94 per cent of its operatives there during the year. I try to make the pupil see the effect of an absence, but when the parent willingly writes an excuse for that absence, my efforts are lost. The school alone cannot bring up the percentage of attendance; we must have the cooperation of parents.

During the fall term there were 155 cases of tardiness, during the same period last year there were 210 cases of tardiness, during last year there were 705 cases of tardiness. Tardiness shows carelessness and there is no one thing in the record of a high school pupil that will sooner detract from his chances for future employment than carelessness.

Teachers.

The school was particularly fortunate this year in retaining the greater part of the teaching force. The loss of Miss Cole, who left us to accept a more remunerative position, was not serious to the work of the school. Miss Allen, teaching freshman English last year, and being familiar with the customs and pupils of the school, was well qualified to take over the position left vacant by this resignation of Miss Cole. The position left vacant by Miss Allen in taking over the English work, was filled by Mr. Conary, but in order that Mr, Conary might have time outside of school to attend to athletic work, an extra class in English was given to Miss Allen.

I wish to commend to you the work, and attitude of each individual teacher, and the perfect harmony and co-operation in the school as a whole. Although some of the teachers may have more pupils through the day I wish to call your attention to the fact that one teacher does not feel responsible for individual work alone but for the work of the school as a whole; that is, each is ready to help the other, and I assure you there is real instruction for the individual who needs help given in the morning before school, at noon, and at night after school, for those pupils who really need help can get it if they are willing to put in their own time. Teachers are usually working in the building at night long after school has closed, and for the most part leave the building with two or more hours of work to do in the evening. I realize this may be somewhat of a hardship, but it is useless to ask a pupil to do written work unless it is corrected.

The work in music is showing excellent results and the school as a whole enters into the drill with a good spirit.

Manual training has proved of more interest to the pupils in

High School than at any previous time. I wish we might see more of those having had the previous work going on with it. This year I had a request from several of the girls to take the work in Manual Training. This request was granted and the result is most pleasing.

Domestic Science serves a purpose for a few of our pupils but I believe there should be provision for more intensive training. I feel that we have some in school who would profit much if they could be allowed to take more of the work.

We have a large class in drawing this year and the work is very satisfactory. I will not go into detail with the work of the above departments as the work in these will be covered by the supervisors.

Special Activities.

The English Club, with a membership of those in school containing a rank of 85 per cent or over, meets regularly under the direction of the English teacher, one evening each second week, for reading and discussion of some work of literary value. During the fall term the time was devoted to the essay.

The work of publishing the school paper has continued this fall, and I feel certain that the publication is a result of much thought and work on the part of the pupils and the teacher. It is deserving of credit, but even though the business men of the town responded liberally with advertisements, I am sorry to say the sales do not warrant the expense of publication.

At the present time the senior class is rehearsing a play; this means much work for the class and the teacher as well, but we believe the training is worth the effort.

The French Club, made up of members of the upper classes

in French, meets one evening each second week, under the direction of the French teacher. The time is devoted to special reading and study, stimulating an interest in the use of the French language.

The girl's Glee Club, a group of about thirty girls, is holding rehearsals under the direction of Mr. Tozer. This is entirely outside of the regular school work, but the interest is good. Last year an operetta was given, and at Christmas time the girls went about town singing carols. This year owing to an unpleasant night, and the fact that the group had planned to unite with other groups at the tree, no general work was done; however the Club went to the hospital, sang some of the carols, and re-returned to join the groups at the tree.

Debating has been undertaken in the school, and even though we have not thought it best to enter into inter-scholastic debating as yet, the student body has shown much interest in inter-class debating.

Upon the invitation of the Woman's Club, the senior class attended a lecture given by Proffessor Dallas Lore Sharpe. I believe the class derived much of value from the lecture, and I wish to express the appreciation of the school for the invitation, and I also wish to thank the Woman's Club for the interest they have taken in the school in awarding prizes for essays to be written by the pupils upon a subject of civic nature. The members of the two upper classes are invited to attend a series of lectures given under the auspices of the club, to gain information from the lectures, and whatever sources become available, and to write essays upon the subject. These essays will be read by judges not acquainted with the pupils. Three prizes in gold will be given. This is in line with school work and will be substituted for some formal work.

I will just mention a few of the many ways in which the school has been helped in its work by the people of Ipswich.

The lecture before the school on "Abraham Lincoln" by Rev. Carrol Perry.

The lecture before the Law Class, " Law." Judge Hayes.

The courtesy of Mr. Kelley shown the commercial class in a visit to the " First National Bank."

The work done by Mr. Patterson in installing a shower bath.

The commercial department has done much practical work this year, in connection with the clerical work of the school, in the use of the mimeograph, and we have been pleased to do some typewriting and copy work for various public interests in the town. Pupils have been given practice in making deposits, in writing letters, in filing and in business practice in general.

During the fall, the pupils have had opportunity to witness and take part in various activities. The school was much interested in a lecture given by Herbert W. Mason, President of the S. D. Warren Paper Co., on the manufacture of paper, illustrated by moving pictures showing the process of manufacture of paper, from the standing tree to the finished product.

The ancient history classes have had illustrated lectures dealing with the countries and customs which they study.

The lantern and slides have also been made use of in the study of commercial geography. The American History class has devoted one period a week to speeches by members of the class, on current events in our national and local and civic life. Each member of the class has written papers on various subjects; but the greatest effort was made in requiring each pupil to write a summary of the work of the Disarmament Conference. I wish to say that these papers show much thought and a careful analysis of the workings of the Conference.

In accordance with the recommendation of the American Legion as approved by the State Department of Education the raising and lowering of the flag is put into the hands of the pupils, and two boys are definitely appointed to attend to the

duty for a given period. This is one more definite means of determining the ability of the individual to take responsibility, as well as of teaching respect for the flag.

At stated times the school has stood in formation out-of-doors giving the salute as the flag is raised. The salute is given each morning as a part ot opening exercises also.

Socials.

School socials have been held this year by each of the three upper classes, and arrangements are now under way for a freshman class social. These socials are held for the sole purpose of encouraging school spirit. The majority of the members of each class with the teachers have attended and apparently enjoyed the evenings. Games are played in which all take part; there is none of the "clique spirit" that so often shows itself at social gatherings. I have tried to discourage the "clique" in school for I believe the public school is one place in which democracy should be practiced as well as taught.

The last of the year is always a busy time; pupils are preparing for examinations and this means a great deal of study and drill, seniors are preparing for graduation and this means much work for both pupils and teachers Last year we planned to have no activities during the last ten weeks that should take the time of the pupil or teacher from the real work that must be done at that time; however, there were some things that seemed necessarily to come at the end of the year. I sincerely hope that whatever extra work we may be called upon to do this year will be out of the way before the last ten weeks, leaving teacher and pupil free to perfect the year's work and make the graduating exercises a success.

Athletics.

We were fortunate this fall in securing Robert Conary, as a teacher in the school and coach of athletics. School athletics first of all should mean regular exercise and training under the supervision of a man who has the qualities of true manhood himself. I want to say that Mr. Conary has fulfilled our hopes, and even though we can not claim a great deal, so far as foot-ball scores go, we can say that we had a foot-ball team which was a credit to the school and town. The squad at best was of less than fifteen boys, but those few worked earnestly, were in good physical condition, and for the most part learned the fundamentals of the game. There were but few experienced players and the hope of getting a team at all looked small.

Some work in track was undertaken, in the way of cross country running. A meet was arranged with Danvers High School, and St. John's Preparatory School. The boys of Manning High School showed better training and won the cup.

There seems to be a desire for basket-ball but with no place in which to play, it is useless to organize a team.

A hockey schedule has been arranged and weather permitting, we hope to get some outdoor work during the winter.

Last spring we had material for a good baseball team but due to lack of coaching and regular practice we lost some games that we should have won.

The treasury is low, but we have thought it best not to ask for money until the school itself becomes interested, and then we hope we may receive the patronage of the people at the games. Money has been raised however by candy sales at recess, and we have succeeded in paying all expenses, including

those of taking a track team to Boston last spring, the purchasing of new equipment and during the fall term we paid about thirty-five dollars for a shower bath fixture. Mr. Patterson very kindly offered to install the bath so our only expense was the material.

The " M " was awarded last spring in baseball to —

Fred Witham
Nicholas Kalaboke
Maynard Whittier
Leo Dondero, Capt.
Wilfred Dunn
Ross Whittier
Gardner Brown
William Hayes
Philip Ewing
Harold Chase
James Burke
Chester Swasey

And in hockey to —

William Hayes, Capt.
Gardner Brown
Clarence Gould
Philip Ewing
James Burke
Wilfred Dunn
Albert Spyut

Nicholas Kalaboke
Fred Witham

The " M " was awarded this fall in foot-ball to —

Nicholas Kalaboke
Harry Saunders
George Porter
Ross Whittier
Robert Kent
Jonathan Hall
William Martel
Clarence Gould
Leo Dondero, Capt.
James Burke
Philip Ewing
Julius Bean
William Burke
Wilfred Dunn

And in track to —

Nicholas Kalaboke
James Burke
Ross Whittier
John Callahan
Charles Denningham
Raymond Bowen

The school letter is a symbol of earnest work in athletics, and I wish to add that our athletic teams during the last year have met the requirements of the State Athletic Association. A pupil first of all must do his school work and even though athletics aid in better school work there is a danger of school work becoming secondary,-- we are endeavoring to make school work first.

In conclusion, I wish to express to you Mr. Horton, my appreciation for your timely advice and assistance; I wish also to express my appreciation to our janitor for his patience and excellent work; and the teachers, pupils, and parents for their sincere support and co-operation.

Respectfully submitted,

RALPH C. WHIPPLE

Principal.

THE JUNIOR HIGH SCHOOL.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

The work in the Junior High School this past school year has progressed steadily along the same general lines of work as in former years.

The enrolment of one hundred eighty pupils is the largest since the adoption of the junior high plan. We have three classes in the seventh grade and two in the eighth grade. The seating capacity of our four rooms is taxed to the utmost to accommodate these pupils. Each of our teachers has forty-two pupils in several recitations. It is impossible to grade the classes according to ability and scholarship as we are obliged also to accommodate the numbers of boys and girls to the capacity of the manual training and domestic science rooms. The hall or dressing room is used as a recitation room all day on Monday and at least two periods on each of the other days.

To accomplish the best results pupils should receive much individual help and attention, but this is impossible with large classes. The work obviously is mostly class instructions. We have tried to make it as departmental as possible. The English work is under the supervision of one teacher; The history and

geography is in charge of another teacher. Formerly a part of the English was taught by each teacher as this subject means a very great amount of outside correcting. Since oral composition has been substituted some-what for the written work, some correcting has been eliminated.

Each year we regret the loss of some of our good teachers. Fortune seems to favor us, however, as their places are being filled very efficiently by their successors.

Last June, for the first time our graduation was held in the evening. Many more relatives and friends of the class attended the exercises than in previous years, which is due, no doubt, to the graduation being held in the evening. The class was the largest ever graduated from the school. This year's class bids fair to surpass last year's in number.

In September a number of the pupils from the fifth grades were promoted into the seventh grade. These people with very few exceptions, are making good in their new grade. At the end of the first quarter it was found that one boy of the seventh grade was much in advance of his classmates and being old enough was given a chance to try the eighth grade, where he is now doing very good work. Thus we try to promote a child whenever it seems to be for the best interest of the individual.

Promotion by subject, which should be one of the chief advantages of junior high organization is impracticable to a large extent as our corps of teachers is too small to arrange a workable program with so many classes.

Oral composition has its place on our program as formerly but this year we are also making use of the socialized recitation in other subjects. The socialized recitation signifies something a little different to every one. To some it means lack of restraint in the class room; to others it means pupil conducted recitation, etc. in using the socialized recitation, the teacher directs the thinking and works for the development of power, which is one

of the primary ends of school training, rather than merely the acquisition of knowledge. We find that the child contributes more from his experience, than under the old form of questions by the teacher and answers by the class. Any method of class room activity that encourages greater self-reliance on the part of the pupil and turns over much of the work to the initiative of the child is a socialized recitation.

In the history department the teacher uses the biographical method. The plan is, to weave the great events of American history so around the lives of our American Men and women, that the boys and girls may not only know why America is the great nation that she is to-day, but also who has made her such. History is divided into periods, for example, - the Revolutionary period from 1775-1783. There each step toward America's independence is studied in connection with the life of the man who did most to make that step possible. A note book is kept by each student in which he notes the name of the man and any important act or saying of his. Pictures and clippings are also added to the notes. In connection with the text book, library stories and biographies are also read and studied. This method seems to hold the interest of the class and good results are being obtained.

The aim of the new geography used in the seventh grade is to teach the young people human geography, - more about people than things. The book has excellent topical paragraph divisions and each subject is followed by problems and review questions. The maps and map studies furnish splendid material for supervised study. The old command of the teacher, " Children, close your books and we will have our geography lesson" has been replaced by the new command, "Children, open your books for your geography lesson." Study and discussion by pupils and teacher follow. Maps and brief essays on special topics are prepared by each pupil to illustrate the continent

which he is studying. The geography of the eighth grade is a practical review of grammar school work, placing particular emphasis on production and commerce. It is also planned to use lantern slides in connection with the geography. Many grammar schools to-day are being criticized for the lack of attention given to geography. We have always given geography a prom inent place on our program.

In the literature classes the poems and prose selections are carefully read, the stories told and written, and selections learned. The historical setting of each has been reviewed and the lives of the authors given. The required list of poems for each month have also been learned.

The aim of the work in commercial English is to give the pupils a practical working knowledge of the most common business form, with which they come in contact. The work covers a study of business and friendly letters, bills, receipts, checks, endorsements, postal and express money orders, registered letters, business spelling and abbreviations, capitalization and punctuation. Discussion in class is followed by written work from each student applying principles studied in class.

Physical training is conducted along the lines laid down by the supervisor. Occasionally competitive drills are held. The contest between the boys and girls is generally very close. Leadership through leading and directing their school mates and citizenship through co-operating with leaders are the aims sought in our school. This is especially so in physical training. Through student co-operation in our school government we are trying to lead our pupils to become self-disciplined, increasing the power of self-control and self-discipline.

English grammar, arithmetic, penmanship, spelling and civics have had no special mention in this report as these subjects are excellently handled by their respective teachers and no great change in their treatment has been made since last year's report.

Miss Stuart, the school nurse, has continued her excellent work of previous years with all the hygiene classes.

Last year we held a monthly visiting afternoon on the last Friday of the month. On the preceding day the children wrote invitations which they took home to their parents, and friends. These invitations were quite generally accepted and many people responded each month. This year we have made a change in time. We propose to hold these visiting afternoons on a different day each month. We hope to accommodate those who found it inconvenient to call on Friday.

Our major aim this year has been to make the pupil more adept in attacking his lessons and in perfecting himself in proper methods of study. This growing confidence and power of the pupil should make possible an increasing amount of independent study. We always try to give credit to an honest and sustained effort. The school has a right to expect at least an honest effort from each and every pupil.

At present we have an unusually strong corps of teachers in the Winthrop building. They have a genuine interest in each child. They are teachers of experience and their work shows tact and enthusiasm. They command the respect of their pupils. They always show a disposition and ability to co-operate with others in carrying out constructive plans of work.

We hope that another year conditions will be such that we shall be able to do much more individual work and extend promotion by subject.

Respectfully submitted,

KATHERINE F. SULLIVAN.

COOKING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

The course in cooking is planned to give the girls a knowledge of food material and its preparation. They study the origin of food used in class, its composition and use in the body.

At the beginning of the course much time has to be devoted to the general routine of the work. Each girl has her own utensils in a drawer and she is held responsible for the cleanliness and order of these at the close of each lesson. Two girls cook together and wash dishes together. They take turns in doing the general duties of housekeeping as sweeping, putting away supplies and washing dish towels.

The girls prepare the simple dishes used for breakfast, such as serials, cocoa, eggs and quick breads. Table setting is studied and then a practical review lesson is given. The girls set the table, prepare and serve the meal. It is rather difficult to do this in large classes.

After the work on breakfasts simple and nutritious dishes for supper are made. Vegetables are studied and cooked in various ways. Bread, pastry, and foods cooked in deep fat are

made. At Christmas time the girls take much pleasure in studying sugar and making candy.

They are able to classify all kinds of food. They know the foods which build up the body, those which give heat and energy and the bone building foods. This helps the girls in making good, balanced nerves.

In the fall the townspeople send in fruits and vegetables to be canned. They furnish all materials and the girls do the work. This gives the girls a practical knowledge of canning, preserving and jelly making.

This course aims to make the girls capable and helpful in their own homes.

Respectfully submitted,

MARION E. BROWN.

SEWING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

The work in the sewing course begins in the fifth grade. The child learns the fundamental stitches on a practice piece and then applies them on some useful article. All the sewing in this grade is done by hand and it is remarkable how well some of these little girls only eight or nine years of age can do. A mothers encouragement in this work, as in any other line of work, helps wonderfully. Sometimes a child comes without work because she cannot afford to buy the material but more often because her mother lacks interest.

In the sixth grades the girls are taught to use the sewing machines. It takes much time and patience, also considerable ripping before they can stitch straight. The girls make any garment they wish provided it is not too hard for them. They furnish their own material so cannot be required to make things they do not need. Underclothes of all kinds and aprons are made. The girls meet with more difficult problems on these garments. They are taught the use of commercial patterns but on account of such large classes much of the actual cutting of garments has to be done after school.

The girls have more time for sewing in the seventh grade. They make their cooking outfit consisting of an apron, cap, towel and holder. It has been very pleasing to see the great improvement made in machine stitching in these seventh grade classes. If the cooking outfit is completed before the second half, underclothes are made. Patching and darning is taken up.

In the eighth grade the work is more advanced. This past year several of the girls made their graduation dresses very successfully. They were very interested doing this and I wish every girl might be required to make her own dress. Various other articles of clothing were made.

The girls make many new garments from old material. This is a very practical phase of dressmaking. The townspeople are earnestly urged to send in cast off garments which can be made over. This would help to clothe many children who do not have warm enough clothing for winter. The people have always been kind to send in material during the canning season and they could also help us in our sewing classes.

This course aims to teach the girls to make and repair their own clothes. They are interested in the work and the results obtained from the majority of them are very gratifying.

Respectfully submitted,

MARION E. BROWN.

MUSIC DEPARTMENT

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

In submitting my annual report as supervisor of music in the Ipswich public schools, may I suggest that an outline of the work in music in every grade may prove to be more acceptable than a report of what has been accomplished during the past year. There are, however, certain features of the course which I feel should be brought to your attention.

We have, at the present time, a chorus in the Senior High School, of which your supervisor feels justly proud. Four part singing is taken up once each week for a period of forty minutes. Not only are the more modern compositions rehearsed but the old familiar songs as well. This, of course, serves a two-fold purpose. And the spirit shown by the pupils at their rehearsals would indicate that music in our High School is at last reaching the condition for which we have been so long aiming.

We also have a Girls Glee Club of forty-five voices in the Senior High School. This chorus is arranged for three part singing. When one realizes that the rehearsals of this club are held after school hours once each week, it would seem to

show that there must be rather more than the usual amount of interest in the organization. We have sung our Christmas carols at the hospital, at the Community Christmas Tree and at various points of the town. We are asked as an organization to take an active part in the programs of the Community Service. We have given during the past year and hope to give in the near future, an operetta of the highest type. All of which should prove the inestimable advantage to the school and community as well, of maintaining, supporting and encouraging such an organization.

It is regretable that no provision can be made for an orchestra. This is simply owing to the scarcity of pupils who play the various instruments necessary for forming such a club. If money be raised whereby the different instruments of the orchestra could be procured, owned by the town and loaned to the pupils, I feel that many of our boys and girls would avail themselves of the opportunity of private instruction. Is this not worth considering?

In order for the parents to fully appreciate the work is being done in our chorus and glee club, it is necessary that they visit the schools while the classes are in session. The chorus rehearses on Wednesdays 8.45 to 9.30. The glee club on Thursdays at 3.45. May I extend a cordial invitation to the parents and friends of our school children to be present during these rehearsals. In this way only can a definite idea of our aims be found.

And now for the work in the grades, which is preparatory to what we are doing in the Senior High. Below will be found the course of study which is in practical operation in the Ipswich schools at the present time. Necessarily many of the details are omitted, as our course of study, explained in full, would constitute a book in itself.

Here again, in order to fully appreciate our music, one must come to the class room and view for himself our system while

in active operation. May I suggest that the week of March 20th or any others agreeable to you, be set aside as visiting week for music, in order that the parents make a special effort to visit the schools while the supervision is in the classroom. I trust that this matter will receive your favorable consideration.

I think it is only fair at this time to mention the fact that Mrs. Tozer acts as my accompanist at all my chorus and glee club rehearsals. This not only takes up a great part of her time, for which she receives no compensation, but adds greatly to the work as a whole.

Below is given the Course of Study. Individual work is given every child in every grade. Examinations in music are given every quarter. The supervisor visits the lower grades once in two weeks, and the upper grades every week. If schools are closed during the holidays or vacations, he cannot visit the lower grades but once each month, the dates for visitation are made out for the year. This would explain his absence in certain schools during the Thanksgiving and Christmas recess.

If, in the following course of study, there are any questions as to detail, your supervisor will gladly answer them upon request.

Course of Study.

GRADE I.

Rote songs

Individual work with monotones

GRADE II.

Breathing Exercises

Scales, descending only

Oral dictation

Board dictation

Music reading

Rote Songs.

GRADE III.

Breathing Exercises

Scales, ascending and descending

Tone work

More difficult oral work

Board dictation

The use of the quarter, half and dotted half notes in exercises from the board and book.

Rote Songs

Individual and classwise instruction.

GRADE IV.

Breathing Exercises

Vocal drills

Music reading. This includes sight reading of any key using the quarter, half, dotted half and whole notes in 2-4, 3-4, 4-4 time.

The process of " Finding Doo "

Songs from books

Individual work

GRADE V.

Breathing Exercises

Vocal drills

Music reading. This includes in addition to the review of Grade IV work, exercises using the eighth, quarter and dotted quarter note in 3-8 and 6-8 time. Also the eighth and dotted quarter note in 2-4, 3-4, 4-4 time.

Music appreciation

Musical interpretation

Songs

The majority of the work in Grade V. is taken from the music readers.

GRADE VI.

A review of the work in Grade V. In addition chromatic tones and two part singing.

Also the sixteenth note is introduced. It may be well to state at this time that every individual voice is tested for part singing.

Songs

Musical interpretation and appreciation

GRADE VII - VIII.

In these grades, three part singing is introduced.

Also, a review of everything that has been given before.

In addition - - the key names and the names of the lines and spaces.

Of course, the more difficult exercises and songs are taken up.

The above may give you some slight idea of the work being accomplished in music. I sincerely trust it may meet with your approval.

Sincerely yours,

ARTHUR HAROLD TOZER

Supervisor of Music.

PHYSICAL DIRECTOR'S REPORT.

To the Superintenden of Schools,
Ipswich, Mass.

Dear Mr. Horton:—

It gives me great pleasure to report that physical education is making much progress in the schools of Ipswich. This is most noticeable in the upper grades in the Junior High School and particularly in the Senior High School. The credit belongs to the masters, principals and teachers. They have worked faithfully in developing pupil leadership, and this is by far the most valuable work they have done in behalf of better physical, mental and social hygiene. In time this will be felt very decidedly in the community because we are training self contained and devoted leaders, greater loyalty and strong-willed citizens. It is being felt already in our older pupils and will grow beyond the school life.

The annual field day was noticeable on account of a more general participation in athletic contests and the fine sportsmanship shown by our boys and girls.

The splendid sympathetic interest of the head master of the High School and the fine and tactful leadership of the Faculty Coach have already brought about decided improvements in the psycho-physical attitude of the students of the High School.

The interest of the people of Ipswich in the Field Day deserves most careful consideration, for it is this interest of the parents and the general public which in time will demand and support more adequate provisions for physical training, sports and games. I desire to record my personal gratitude for the help and the support of the many people who worked with us to make this field day a community festival. An annual repitition will be a strong factor in the growth and development of community health and habits.

Last year I pointed out the psycho-physical and social significance of pupil leadership. I should like to call attention now to the great influence of physical training upon mental health.

A snappy setting-up drill, even between school desks, will raise the morale of every child a hundred per cent.

We are not only training conduct, we are not only raising daily the physiological tone, but we have daily reminders of what education for morale means.

"Morale is keeping body and mind in tiptop condition."

Setting-up exercises are not unlike a *daily prayer* for health.

To sum up the values of daily setting up exercises:

1. General Value: Repetitio mater studiorum.

2. Physical Value: Daily strengthening of body postures and mechanics.

3. Physiological Value: Daily vitalizing of organs and functions.

4 Psychological Value: Habituating.

Time does not permit me to make as thorough an analysis of the psycho-physical significance of plays and games.

They are in this respect the very life blood of physical education, and I pray that every teacher may become a master architect and builder of playgrounds and school yards, of play rooms and recreation buildings. I pray that you will use the school recesses, the free afternoons and new daylight hours for

enriching the play life of children and adults.

They have far greater social values, because they meet most effectively the individual variations.

Mentally they excell on account of their infinite variety for competition.

We must teach plays and games, because although children inherit a tendency to play, they do not inherit the games, and because one generation of children does not now transmit them to the next. Our cosmopolitan mixture is much to blame for this state of affairs.

A brief summary of the most valuable psychological elements of play may, however be of value in this discussion.

Imitation is a fundamental characteristic of children's play and games. They act out the lives of people around them and the stories they hear.

Let us be sure we surround them with good models and and that they hear good stories.

Remember that the years of five to twelve are the years of most rapid acquisition of knowledge.

Swinging and climbing, as well as touch sensation, including bare feet, are pleasurable for every normal child.

Hunting, fishing and chasing instincts are expressed in games like " tag. "

Running is in itself a great delight in early childhood.

Hiding and finding are inherited instincts. By practice of these games we train the senses. Dodging, catching and throwing are pleasurable, and if given opportunity develop spontaneously neuro-muscular skill and judgment.

Children fear animals but they have also a universal love for them. They make of them comrades and playfellows. They care for them and cherish them. This form of play develops responsibility, kindness and love.

Every child is a primitive agriculturist. Just as primitive

man was driven to unite in tribal combinations for his existence, so are boys of pre-adolescent age driven to team and gang activities.

Primitive man here made the beginning of co-operation. This developed an intensive although narrrow type of loyalty.

All our team games closely resemble these conditions. They derive their pleasures from the joy of battle and the joy of comradeship. Competition is the social element in all games and is universally pleasurable. It is the element that makes them so vigorous stimulating in organic growth and in mental and moral development.

Competition is one of the greatest forces in human progress.

Young boys prefer individual competition, later they want group competition.

Comradeship or co-operation is one other social factor in plays and games. In team games it forms the pleasurable element. Team games therefore promote social responsibility and group consciousness.

Play stimulates mental conduct on account of its spontaneous interest. There is no effort of the attention and in consequence play secures a higher degree of concentration and more intensive and continued activity than we get in work.

This develops involuntary attention, application, perserverance, fighting instincts, character.

Freedom is characteristic of birds and animals and primitive man. Children love freedom. Let us be sure that we do not make play too systematic and compulsory but by all means make the fundamental movements and actions, of which various forms of play and our games are made up, a part of our systematic exercises. This will fit large numbers for playing games, because having acquired neuro-muscular skill and judgment in simple co-ordinations, they approach the games with greater confidence. They are apt to hold their own better in co-operation

or competition with boys and girls who have had natural advantages.

Freedom is the very life-blood of play. To preserve this aspect is one of our most difficult problems.

Play should be free from outer compulsion and inner necessity.

The great moral value in games is the pleasure we derive from them.

Pleasure is the very basis of conduct. It is given unto us as an inner monitor to tell us what to do.

"The tragedies of life are where we sacrifice the pleasures of later life to the enjoyment of the moment."

This is the most powerful argument in favor of games, because they bring out early the inner consciousness.

"Enjoyment arouses the mind and emotions and tends to put all their power at our disposal."

"The trend of pleasure is towards optimism."

This is the psychological significance of plays and games.

It is the true philosophy of psychophysical happiness.

It is well that we have so many diversified athletic activities and so many valuable sports.

I believe that it would be of great psychophysical value if we added to our athletic program a greater variety of competitions involving the large muscles of the arms and shoulders, and those involving skill and judgment. Not only those involving strength, as discus or javelin shot, but also such as archery, target shooting, hitting and throwing where accuracy and judgment were demanded.

We cannot all play golf, tennis, and billiards. We ought to cultivate a larger variety of games and contests which stimulate atavistic tendencies.

We must invent new activities which must, however, be based upon inherited motor tendencies, but I would warn against

the further extension of spectacular and intensive athletic meets if these practices lead to habitual maximum physical efforts, and, if these forms of practice deplete surplus energy and vitality needed for growth and in emergency of sickness. We should have the courage to modify them.

If playgrounds are better places than our schoolrooms and gymnasia for the development of the health of the body, mind and character, we should insist upon getting them.

Let us all follow G. Stanley Hall's idea of morals. *Let us act up to our knowledge.*

I close by citing a paragraph each from two letters which I recently received.

Joseph Lee: "I am a convinced believer in physical education, and especially in the proposition that it is in reality not physical education alone but mental and moral education through physical exercises. I think that in speaking of a man's grasp of an idea or of his moral hold upon himself we are speaking not wholly in metaphor, but are expressing the literal fact that doing things with the body is a moral and intellectual experience and one through which the mind and character get their first and most fundamental growth."

William H. Burnham: "The highest significance of physical training is seen apart from the fact that in physical exercises, as in co-ordinated activity, we have in its lowest and simplest terms the training of the human will; that indirectly physical exercise affords the natural means for the control of the emotions; that everyone is offered the opportunity for success as well as the training which comes from failure; that it gives one of the best of opportunities for developing right

mental attitudes, normal interests, habits of co-ordinated activity in doing the best possible in any situation, however evil. I deem the interests and the attitudes developed by physical training of great importance for the mental health of an individual."

Respectfully submitted,

ERNST HERMANN,

Director of Physical Education

MANUAL TRAINING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I herewith submit the following report of the work undertaken by this department, together with a few recommendations for your consideration.

The regulation which placed the work of this department on a parity with other school subjects in obtaining the average rank for promotion still exerts a beneficial influence, and much more and better work is thereby secured. If we could have a fuller appreciation by the public of the importance and practical value of this work to the boys and girls, both now as a means of training, and later on as a substantial means of saving in their own homes. A closer co-operation would be secured and still better work would result as a natural consequence.

But this will require some time for its accomplishment, and will depend in large measure upon the amount of pressure brought to bear by the financial necessities of. the individual home.

The real aim and purpose of this department is to assist each pupil to become more efficient in the work of of caring for and beautifying the home at the least possible cost or expense

and thereby to acquire the habit of thrift.

All our work has been planned and directed along this line from the very start and therefore but little change has been made in our general outline. New things are constantly coming up, however, and the emphasis is shifted to meet the demands of such items. Cement construction is rapidly taking the place of that of wood, and the older pupils should have some knowledge of the various uses to which this material may be applied. The making of forms and moulds for the simpler and every-day needed articles about the home or the shop, are to be taken up and a general method of application will be presented. This will be a very useful item of knowledge that may be turned to account in many ways by the pupils even now about their own homes.

The rudiments of soldering metals should be taught to the older boys, and girls as well, for the purpose already mentioned.

The repair of leaky faucets in connection with the reading of gas and water-meters will also receive some attention.

I have purposely omitted any statement in reference to the work done by the pupils, as samples of that work were displayed at the school exhibit and received very favorable notice.

I will say, however, that the pupils in the eighth grade and and above are asked to select their own projects for work. This secures the interest of the pupil from the start and, though it draws on the teacher's time rather severely, the pupils take increased pride in having their work of the best possible quality.

It also gives them the opportunity to estimate the amount of stock required and to calculate the cost of the same. All of which work is of the greatest practical value and tends to develop the judgment to a marked degree.

The same is true of the work in cement construction, and the very practical knowledge gained from these two lines of work will be of great usefulness all through life.

At the present time the classes are very large and the periods too short for the best possible results. There isnt time enough to pick up the work of the class that is dismissed before another class takes its place at the same benches. In all we have two hundred and twenty-six pupils in this department, and all but three periods for the whole week are taken up in actual bench work. This does not allow time enough to prepare the plans and working drawings for each pupil, nor to inspect the work as thoroughly as it should be done. The pupils need a better knowledge of measuring and drawing to scale if a fuller understanding of the work is to be secured. More time should be given to talks upon the source and manufacture of the materials used and thus co-ordinate the work with the study of geography more closely than is possible under present conditions.

In view of the fact that the classroom space is limited, that incoming classes next September are to be much larger, and that there are more of the High School pupils taking up this work than ever before, I would recommend that a full time drawing teacher be employed and that the work now done by the fifth grade be placed under her charge.

Under such an arrangement a slight loss of the knowledge of handling tools might result, but this would be offset by a better preparation in drawing, measuring, and cardboard construction. It would also insure a closer co-operation between these two departments, and the pupils be the gainers in the end.

As usual I have tried to keep the cost of material at the lowest possible point consistent with efficiency. There has been no loss and very little breakage of tools. On the whole I think the work of the year has been fairly satisfactory; and the outlook for the future encouraging.

Respectfully submitted.

ARTHUR W. GOULD.

ATTENDANCE OFFICER'S REPORT.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir: —

The report of the Attendance Officer for the year ending December 31, 1921, is as follows:-

Absentees investigated	341
Visits to schools	180

Causes for absence as follows:-

Sickness	179
Kept out by parents	68
Truants	47
Lack of Clothing	30
Found on street and taken to school	12
Sent to Essex County Training School	1
Taken to school from home	4
Licenses issued to newsboys	22

Minors certificates granted from Jan. 1, 1921 to Jan. 1, 1922

Minors employment certificates	14 to 16	first issue	58
Summer Vacation Permits	14 to 16	" "	4

Literate Certificates	16 to 21	"	"	118
Illiterate Certificates	16 to 21	"	"	21
Certificates exchanged for different employment				179

Registration of Minors, April 1, 1921.

Five to seven years, boys	92	
Five to seven years, girls	113	
		205
Seven to fourteen years, boys	393	
Seven to fourteen years, girls	394	
		787
Fourteen to sixteen years, boys	128	
Fourteen to sixteen years, girls	108	
		236
Total		1228
Illiterate minors, male	6	
Illiterate minors, female	12	
		18

Respectfully submitted,

GEORGE W. TOZER,
Attendance Officer.

DRAWING.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I herewith submit my first report of the Drawing in the Ipswich Public Schools begun this last September. Within so short a time it is manifestly impossible to do more than to indicate what is being organized, and what is to be worked out as a systematized course in Drawing and Applied Arts, from Primary Grades up through the High School.

According to your expressed wish, Mr. Superintendent, much stress is put upon the High School Mechanical Drawing Course. Indeed, through all the grades exact measuring and the right understanding of the practical daily uses of working-drawings is to be insisted upon. I have made special preparation for the High School work, as many of our young men go afterwards to technical schools, and it is of great importance that they should have a foundation of " common - sense " working-drawings. It is a great deal more difficult to get a student to think for himself than to do his thinking for him. To *teach* him to plan and lay out his work as an individual is an art in itself. But the added effort doubly repays the teacher when she sees the aroused interest, and the new power put into his work.

A brief summary of my course follows:-

In september we began with color, and Plant-drawing (of the thoughtful kind).

In October we used the accumulated drawings for design and composition motives.

In November the theory of design was continued and developed, spacing border and surface patterns, printing "repeats" with rythmical, symmetrical and radial arrangements, still employing our color theories. The lower grade children are not burdened with any technical terms, but they quite understand the fundamental ideas.

In December we used our design-knowledge in the making of various gifts and cards. One very enjoyable phase of the work was the making of " animal-toys " so dear to the hearts of children. I must here express my appreciation of the fine work and co-operation of all our teaching force. It is a pleasure to teach with people so broad-minded, helpful and enthusiastic, and in a school system so excellently organized.

In January we shall begin in good earnest the study of lettering and the second phase of mechanical drawing, stressing in lower grades use of rulers and *exact* measure. Mechanical drawing of various sorts, and its applied use will continue through March, and the upper grades will also study Perspective.

In April I hope to introduce some simple industrial Crafts, and shall give some talks, using illustrations, upon the use of drawing in practical everyday life, in the trades and occupations. We use it also in other school work. Posters will be made. House-furnishing, decorative arrangement, costume-design, pageantry, etc., we shall illustrate with a small travelling " School Theatre " made in the High School.

In June we shall use our perspective knowledge in garden plans, in some elementary architectural work, and in out-door

sketching.

I feel sure that, with the interest shown in my work, and with the co-operation given me by the Superintendent, and by the teachers, that we shall establish an excellent system of Drawing, and one particularly adapted to the Ipswich Schools.

Respectfully submitted,

SARA G. HOUGHTON

Supervisor of Drawing.

REPORT OF SCHOOL PHYSICIAN 1921-1922.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

The examinations of the pupils for the present school year showed a higher degree of physical fitness than has been shown by the examinations of any previous year. The lesser number of tonsil and adenoids requiring treatment, and the improved dental conditions are worthy of special mention. These results have been obtained only through persistent and intensive follow-up work on the part of the nurse.

One of the most gratifying gains has been in the reduction of the per-centage of underweights. This has been most marked and most satisfactory. A detailed showing of these gains as compared with last year will be found in the report of the school nurse. This report is most thorough and goes extensively into details. It is to be hoped that everyone will study it carefully.

This gives me an opportunity to point out as accomplished, results that I have long believed could be accomplished through

intensive instruction in hygiene and manual training. Both of these things I have advocated and I cannot thank you enough, Mr. Superintendent, for the sympathetic understanding, and fine co-operation you have given to this phase of public health work, and I feel sure that because of it a higher degree of scholarship will be the outcome.

Respectfully submitted,

GEORGE E. MacARTHUR, M. D.,

School Physician.

Ipswich, January 23, 1922.

REPORT OF SCHOOL NURSE.

To the Superintendent of Schools,
Ipswich, Mass.

Dear Sir:—

I herewith submit my report as School Nurse for the year 1921 to 1922.

Four days each week are devoted to school work and following is listed the weekly schedule.

Monday: 4 classes in Junior High and 1 Fourth Grade in the Winthrop School are visited.

Tuesday: 2 Sixth Grades in the Winthrop School and the warren, Cogswell, Dennison and Wainwright Schools are visited.

Wednesday: In the morning children are taken to the Dental Clinic at the Cable Memorial Hospital. In the afternoon the Payne School is visited and 1 Sixth Grade in the Winthrop School.

Thursday: 1 Fifth Grade in the Winthrop School, 1 class in Junior High and the Portable and the Burley Schools are visited.

The Linebrook and Candlewood Schools are visited as often as opportunity allows.

These school visits comprise, inspection of children for cleanliness, and twenty minute health talks concerning Health Habits. This year special emphasis has been put on Correct Posture; the need and importance of Exercise and Sleep, with plenty fresh air, the important fundamentals of Diet and the necessity of being clean.

Right here I would like to state that the teachers, all of them, co-operate with me, in every respect, to help me follow out my plan of work. Each week a quiz is given on the last health talk before the new topic is discussed.

The Dental Clinics are conducted by Dr. Kyes, and Dr. Smith and Dr. Broe, on Wednesday mornings from 9 until 12 o'clock, each doctor taking his turn as the weeks come along.

The F. E. R. N. Club this year kindly furnished some of the supplies used at the clinice.

During the school holidays, special trips are made to Salem to Oculists. In some cases glasses are provided for those who need them, thru various agencies, such as, the S. P. C. C., and from the Red Cross Seal money.

Consultations are held at the School Nurse's Office in the Winthrop Building and treatments also are given there.

During the last year I have found on several occasions, school children who were not properly clothed for the winter season and some of the church societies are working with me regarding the situation.

There have been 1170 Physical Examinations done by Dr. Geo. E. MacArthur, the School Physician, at which the nurse assists. Records of these examinations are kept at the offiice of the school nurse on cards and notices of the physical defects are sent to the parents, followed by home visits whenever possible. 676 notices have been sent concerning 528 children and 1101 home visits have been msde.

1195 school children have been weighed and measured

and weight Record Charts are kept in each school room. The interest maintained by the children regarding these charts may be shown by the improved condition of underweights in the schools, with the first weighing this new school year. Listed below is the percent of underweights in the schools for the present weighing.

COGSWELL SCHOOL.

Grade I.	15.22 p.c.	Underweight
" II.	31.92 p.c.	"

WARREN STREET.

Grade IV.	56.00 p.c.	Underweight
Grade V.	37.84 p.c.	"

WAINWRIGHT SCHOOL.

Grade II.	21.43 p.c.	Underweight

WINTHROP SCHOOL.

Grade IV.	37.25 p.c.	Underweight
" V.	2927 p.c.	"
" VI.	45.24 p.c.	"
" "	44.00 p.c.	"
" "	43.18 p.c.	"
" VII.	42.50 p.c.	"
" "	47.37 p.c.	"
" "	48.21 p.c.	"

Grade VIII.	38.88 p.c.	Underweight

BURLEY SCHOOL.

Grade I.	16.66 p.c.	Underweight
" I.	22.86 p.c.	"
" II.	22.92 p.c.	"
" III.	33.33 p.c.	"
" IV.	35.89 p.c.	"
" V.	48.64 p.c.	"

PAYNE SCHOOL.

Grade I.	16.13 p.c.	Underweight
" II	28.57 p.c.	"
" III.	20.00 p.c.	"

HIGH SCHOOL

Freshmen	44.00 p.c.	Underweight
Sophomore	51.35 p.c.	"
Juniors	31.25 p.c.	"
Seniors	14.29 p.c.	"

CANDLEWOOD.

Graded School	40.00 p.c.	Underweight

LINEBROOK SCHOOL.

Graded School	66.67 p.c.	Underweight

The average percent of the school underweight is 36.07 per cent divided as follows:- girls 18.41 per cent and boys 17.66 per cent.

To show the improved condition of the underweights in the schools I am listing a comparison of the percent of underweights in both the Burley and Winthrop Schools, - as follows:-

1920 - 21			1921 - 22	
BURLEY SCHOOL			BURLEY SCHOOL	
Grade	I.	75 p.c. Underweight	16.66 p.c.	Underweight
"	I.	62 p.c. "	22.86 p.c.	"
"	II.	70 p.c. "	22.92 p.c.	"
"	III.	72 p.c. "	33.33 p.c.	"
"	IV.	58 p.c. "	35.89 p.c.	"
"	V.	33 p.c. "	48.64 p.c.	"
WINTHROP SCHOOL			WINTHROP SCHOOL	
Grade	IV.	75 p.c. Underweight	37.25 p.c.	Underweight
"	V.	74 p,c. "	29.27 p.c.	"
"	VI.	81 p.c. "	45.24 p.c.	"
"	"	68 p.c. "	44.00 p.c.	"
"	"	51 p.c. "	43.18 p.c.	"
"	VII.	52 p.c. "	46.02 p.c.	"
"	VIII.	58 p.c. "	38.88 p.c.	"

General Summary of Nurse's Report.

School Visits	415
Class "	754
Health Talks	671
Treatments	686
Inspection	25512
Consultations	111
Assisted Dr. in Physical Examinations	1170
Children Weighed and Measured	2890
" taken to Dental Dental Clinic	155
" " " Private Dentists	2
" " " Oculists	14
" " " Hospital	1
Home Visits	1101

General Summary of Absences Throughout the Year.

Tonsil and Adenoid Operations	35
Appendicitis "	4
Broken Arms	3
Cervical Glands	3
Scarlet Fever	28
Chicken Pox	76
Measles	4

Impetigo	4
Tonsilitis	3
Ringworm	3
Mumps	1
Pneumonia	1

Respectfully submitted,

MARTHA J. STEWART, R. N.

School Nurse.

GRADUATION

Junior High School, June 29, 1921.

PROGRAMME.

I. Piano Solo — Mary Woleyko

II. Recitation " The World Wants Men " — Thomas Doyle

III. Meeting of Civic League — Discussion of Forestry

IV. Song. " Song of the Brook " — School

V. Composition. President Harding and His Cabinet — Group of girls and boys

VI. Recitation " The Balance Wheel " — Edmund Witham

VII. Song. " Beauteous Night, O Night of Love " — School

VIII. Oral Composition — Grade Eight

IX. Recitation. " The Land Where Hate Should Die " — Harry Merson

X. Song. " Laughter Land " — School

XI. Recitation. " The Shadow on the Blind " — Mildred Jedrey

XII. Presentation of Diplomas and Penmanship Prizes — Chairman of School Committee

XIII. Song. " The Star-Spangled Banner " — School

The Manning High School Courses of Study.

College Preparatory and Scientific Course.

First Year.

Required	P	U
English	5	1
Algebra	5	1
Latin	5	1
Ancient History	5	1
Music	1	1-4
Physical Training	5	
Elective		
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Second Year.

Required	P	U
English	5	1
Latin	6	1
French	5	1
Geometry	5	1
Music	1	1-4
Physical Training	5	
Elective		
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4
Modern History	5	1
General Science	5	1

Third Year.

Required	P	U
English	5	1
Latin	6	1
French	5	1
Adv. Mathematics	5	1
Physical Training	5	
Music	1	1-4
Elective		
Chemistry	7	1
English History	5	1
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Fourth Year.

Required	P	U
English	5	1
Latin	6	1
U.S.History&Civics	5	1
Rev. Math.(1-2 yr.)	5	1-2
Sol. Geom. (1-2 yr.)	5	1-2
Music	1	1-4
Physical Training	5	
Elective		
French	5	1
Physics	5	1
Manual Training	1	1-4
Domestic Science	1	1-4
Drawing	1	1-4

General Course.

First Year.

Required	P	U
English	5	1
Algebra	5	1
Com. Geography	5	1
Ancient History	5	1
Music	1	1-4
Physical Training	5	
Elective		
Manual Training	1	1-4
Domestic Science	1	1-4
Drawing	1	1-4

Second Year.

Required	P	U
English	5	1
Geometry	5	1
Modern History	5	1
French	5	1
Music	1	1-4
Physical Training	5	
Elective		
General Science	5	1
Typewriting	5	1-2
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Third Year.

Required	P	U
English	5	1
English History	5	1
French	5	1
Astronomy	5	1
or Chemistry	7	1
Physical Training	5	
Music	1	1-4
Elective		
Adv. Mathematics	5	1
Adv. Typewriting	5	1-2
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Fourth Year.

Required	P	U
English	5	1
U.S.History&Civics	5	1
Physics	7	1
Physical Training	5	
Music	1	1-4
Elective		
Rev. Math.(1-2 yr.)	5	1-2
Sol. Geom. (1-2 yr.)	5	1-2
Com. Arithmetic	5	1
French	5	1
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Commercial Course.

First Year.

Required	P	U
English	5	1
Algebra	5	1
Com. Geography	5	1
Ancient History	5	1
Music	1	1-4
Physical Training	5	
Penmanship	2	
Elective		
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4

Second Year.

Required	P	U
English	5	1
Modern History	5	1
Bookkeeping	5	1
Business	5	1
Typewriting	5	1-2
Penmanship	2	
Music	1	1-4
Physical Training	5	
Elective		
French	5	1
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4
General Science	5	1

Third Year.

Required	P	U
English	5	1
Bookkeeping	5	1
Shorthand	5	1
Typewriting	5	1-2
Penmanship	1	
Commercial Law	3	1-2
Music	1	1-4
Physical Training	5	
Elective		
English History	5	1
French	5	1
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4
Adv. Mathematics	5	1

Fourth Year.

Required	P	U
English	5	1
U.S.History&Civics	5	1
Stenography	5	1
Bookkeeping	3	1-2
Filing	2	1-2
Penmanship	1	
Music	1	1-4
Physical Training	5	
Elective		
French	5	1
Drawing	1	1-4
Manual Training	1	1-4
Domestic Science	1	1-4
Rev. Math.(1-2 yr.)	5	1-2
Solid Geometry	5	1-2

All pupils are required to take penmanship, spelling, and definitions throughout the whole course.

Figures at right of the subject signify number of periods (P) each week, and (U) units for one year.

The election of subjects in the College Preparatory Course should be governed by the requirements of the College chosen.

Distribution of Pupils In the Ipswich Schools By Grades and Ages.

GRADE	AGES															TOTAL
	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	74	93	33	9	3											212
2	4	56	87	31	20								1			199
3		3	31	45	36	20	7		2							144
4			9	51	35	27	10	2	2							136
5				8	49	42	36	13	14	4						166
6					3	21	23	32	24	7	1					111
7						6	23	38	29	17	3	1				117
8								13	19	16	9	1	1			59
9								2	14	27	18	8				69
10									1	8	14	7	5	2		37
11											7	14	7	5		33
12											1	9	4	5	2	21
13												1	1	1		3
	78	152	160	144	146	116	99	100	105	79	53	41	19	13	2	1307

SCHOOL CALENDAR FOR
1922

Term	Begins	Closes
Winter Term	January 3	February 24
Spring Term	March 6	April 28
Summer Term	May 8	June 30
Fall Term	September 6	December 22

Teachers must report for duty on Tuesday, September 5, at 9 A. M., one day previous to the opening of school for the fall term.

Holidays.

Every Saturday; Columbus Day, October 12; Wednesday Afternoon, Thursday and Friday of Thanksgiving Week; January 1; February 22; April 19; Memorial Day; June 17; and Good Friday.

FORTY-SEVENTH

ANNUAL COMMENCEMENT

OF THE

MANNING HIGH SCHOOL

Class of 1921

Thursday, June 30, 1921.

PROGRAM.

Oh Victorious People — Chorus

Invocation — Rev. Frederick J. Ward

Salutatory — In All Labor there is Profit

Irene Atkinson

The Forest Dance — Targett

Chorus

Address — The Cultivated Man

Gardner Brown, President of the Class

A Dream of Arcady — DeKoven

Mary Martel

Oration — Americanization

Nathan Sushelsky

Oh, Hail Us, Ye Free — "Ernani"-Verdi

Chorus

Valedictory — Non est Vivere sed Valere Vita

Hilda Scales

Address — In Training for America

Rev. Carroll Perry

Presentation of Prizes

Presentation of Diplomas — Herbert W. Mason

Chairman of School Committee

The Star Spangled Banner — Chorus

CLASS OF 1921.

CLASS OFFICERS.

Gardner Walcott Brown	President
Mary Katherine Reddy	Vice-President
Richard Sutton Hodgkins	Secretary
Hilda Sabara Roper Scales	Treasurer

COLLEGE COURSE.

Gardner Walcott Brown
Howard Nott Doughty, Jr
Richard Sutton Hodgkins
William Francis Hayes
Joseph Frederick Witham
Nathan Sushelsky
Muriel Russell

GENERAL COURSE.

Gertrude Helen Chapman
Anna Magdalen Narkum
Mary Frances Margaret Martel
Esther Grant Bisson
Catherine Joanna Caldwell
Marion Louisa Scotton
Emma Elizabeth Haley
Gerard Miller Houghton
Lawrence Merrill King
Maynard Sumner Whittier

COMMERCIAL COURSE.

Hilda Sabara Roper Scales
Irene Blanche Atkinson
Ruth Ardace Savory
Ruby Margaret Earley
Mary Katherine Reddy
Richard Henry Ralph

ODE: CLASS OF 1921

Now at last our course is finished
And the corner-stone is laid;
Straight the years stretch on to the future
And the start in life is made;
And what all have done before us;
Each one of us soon will do;
Live and love and work and suffer,
Then we'll join Death's myriad crew

Peaked rocks and flaunting jungles,
Desert sands and stretching plain,
Cities towering to the heavens.
Islands in the azure main,
All yield up to death, their master,
Thousands of thousands infinite;
We, a handful lost in millions,
Soon are gone in conquering night.

If no trace of us stays after,
Passing to a dim beyond,
We stand lost in millions countless,
Why by right and truth be bound?
Why fix lines 'twixt vice and virtue?
Why the choice 'twixt good and bad,
Since to dust we part forgotten,
And are partners of the sod?

God thinks not of us in thousands,
For He judges each by each;
But this should not be what sways us,
After right and truth to reach.
Life on this earth is fleeting,
To draw from it all we can.
Is to crown the mind with virtue,
Thus to make the finished man.

H. N. DOUGHTY, JR.

VITAL STATISTICS.

We have taken these tables of vital statistics from copies furnished us by our Town Clerk, Mr. Charles W. Bamford. In every case persons born in any of the British Provinces, Ireland, Scotland or Wales have been excluded. It will be seen from the table that the number of foreign fathers had increased 100 per cent since 1912 at the close of 1920.

Births.

Year	Number	Foreign Fathers	Foreign Mothers
1912	159	57	59
1913	146	62	62
1914	144	75	75
1915	118	55	57
1916	168	99	100
1917	149	82	78
1918	182	109	107
1919	195	114	112
1920	204	116	110
1921	219	90	93

LIST of TEACHERS

--- IN ---

Ipswich Public Schools

Ralph C. Whipple
Lois E Mann
Elizabeth C. Ferguson
Helen N. Damon
Theresa R. Whittemore
E. Margaret Allen
Helen J. Blodgett
Robert D. Conary
Katherine F. Sullivan
Abby L. Smith
Leroy W. Jackman
Mary D. Hamelin
Gertrude R. Sheppard
Addie S. Cook
Eva W. Merriam (Mrs.)
Marion E. Brown
Lucy Ardell Kimball
Annie P. Wade
Hazel M. Weare

LIST OF TEACHERS (Continued)

Dorothy Darling
Anne E. Friend
Amy Stanford
A. Pauline Charles
Grace A. Bowlen
Frances P. Trussell
Ethel M. Archer
Margaret T. Reilly
Alice D. Moran (Mrs.)
Eva A. Willcomb
Ruth F. Joyce
Sara G. Houghton (Mrs.)
Augusta Greenache (Mrs.)
Lydia S. Harris
Belle D. Rogers (Mrs.)
Nellie T. Smith (Mrs.)
Carrie Ladd (Mrs.)
Martha J. Stewart
Lena J. Atherley (Mrs.)
Winifred Millard (Mrs.)
Abby Fellows
Arthur W. Gould
Arthur H. Tozer
Ernst Hermann

Joseph I. Horton, Superintendent.

NO SCHOOL SIGNALS

-- OF --

Ipswich Public Schools

4 blasts at 7.30 — No MORNING SESSION in any School.

4 blasts at 8.00 — No MORNING SESSION in the first five grades.

4 blasts at 11.00 — No AFTERNOON SESSION in any school.

4 blasts at 11.30 — No AFTERNOON SESSION in the first five grades.

In the absence of any signal at 11.00 or 11.30, the afternoon session will be held as usual. Teachers and pupils must be present at such sessions as on other days.

All should bear in mind that the 7.30 and 8.00 o'clock signals do not excuse for the entire day.

In addition to the above warning, the *ELECTRIC LIGHTS* will be turned on for the space of five minutes after the whistle has been blown. This will enable those who cannot hear the whistle, to get the no-school signal if they will look for the same at the proper time.

APPENDIX.

AUDITOR'S REPORT.

To the Citizens of Ipswich:—

I herewith submit the Annual Report of the Manning School, R. H. Manning, Burley Education, Heard, Treadwell and Brown Funds as compiled from the books of their respective Treasurers. I have found receipts for all bills paid and have examined the various securities of which these funds are composed and have found them to agree with the reports submitted.

FREDERICK S. WITHAM,

Auditor.

February 6, 1922.

Manning School Fund.

Receipts:

Cash on hand February 1, 1921	$ 900 18
Income from investments and rentals	1807 38
	2707 56

Expenditures:

Taxes, insurance and miscellaneous expenses	$1100 45
Salary High School Principal	300 00
Deposited in Ipswich Savings Bank	500 00
Cash on hand February 1, 1922	807 11
	2707 56

Manning School Fund Securities.

12 1000 4 pc Peoria & Eastern 1st mtg bonds	$ 12000 00
2 1000 5 pc N E Brick Co bonds	2000 00
15 shares Patterson Bridge Co	1000 00
3 1000 4 1-2 pc National RR Mexico bonds	3000 00
1 1000 4 pc " " " "	1000 00
1 500 4 pc " " " "	500 00
1 100 4 pc " " " "	100 00
Invested in Master's House	7000 00
Invested in Colonial Building	18000 00
Deposit in Ipswich Savings Bank	1500 00
	46100 00

R. H. Manning Fund.

Receipts	
Income from Investments	$ 335 50
	$ 335 50

Securities.

60 shares Patterson Bridge Co.	$ 4000 00
33 Shares Pere Marquette R. R. Co.	561 00
Deposited in Ipswich Savings Bank	5917 52
	$10478 52

Heard Fund of Ipswich Public Library.

Income:	
Balance on hand Jan. 1, 1921	$ 431 65
Received from investments	516 62
Received from Treadwell Fund	200 00
Cancellation of 3 Northern Pacific Bonds	3000 00
	$ 4148 27

Expenditures.

Salaries	$ 975 00
Insurance and miscellaneous expenses	547 97
Balance on hand Jan. 1, 1922	2625 30
	$ 4148 27

Securities Comprising Heard Fund.

33 shares B & M R R, 1st pfd class B	$ 1221 00
35 shares B & M R R, preferred	770 00
10 shares B & M RR, 1st pfd, class A	230 00
1 C B & Q R R 3 1-2 pc bond	960 00
1 United Elec Light & Power bond	800 00
1 Aurora, Elgin & Chicago R R 5 pc bond	200 00
3 Quincy Gas & Elec Heating Co, 5 pc bond	1950 00
1 Waterloo, Cedar Falls & Northern R R bond	350 00
Liberty bond	1200 00
Deposited in Ipswich Savings Bank	243 90
	$ 7924 90

Treadwell Fund.

Income:	
Cash on hand Jan. 1, 1921	$ 102 52
Received from investments	1183 00
	$ 1285 52
Expenditures:	
Salaries	$ 50 00
Transferred to Heard Fund	200 00
Miscellaneous expenses	772 01
Balance on hand Jan. 1, 1922	263 51
	$ 1285 52

Securities Comprising Treadwell Fund.

50 shares B&M RR 1st pfd. formerly Fitchburg RR	$ 1150 00
30 shares Old Colony RR pfd	1740 00
25 shares B&P RR pfd	3125 00
25 shares Me Central RR pfd	750 00
25 shares B&A RR	3300 00
25 shares Vt&Mass RR	1875 00
1 City of Fostoria, O, 4 pc bond	500 00
1 Am T&T Co 4 pc bond	1150 00
1 Aurora, Elgin & Chicago RR 5 pc bond	200 00
1 Kansas Gas & Elec Co 5 pc bond	1000 00
1 Quincy Gas & Elec Heating Co 5 pc bond	650 00
1 Waterloo, Cedar Falls & Northern RR bond	350 00
1 Missouri Pacific RR bond	402 50
3 Liberty Bonds	2000 00
Deposited in Ipswich Savings Bank	876 30
Deposited in Salem Savings Bank	750 00
	19818 80

Thomas H. Lord Fund.

Receipts:	
Income from investments	$ 42 50
Securities.	
1 1000 Liberty Bond	$1000 00
Cash on hand January 1, 1922	142 40
	1142 40

Report of the Trustees of the Burley Education Fund.

The Trustees of the Burley Education Fund present herewith their ninety-sixth annual report.

The funds in their hands are as follows.-

In Ipswich Savings Bank	$ 3813 29
Caldwell Fund in Ipswich Savings Bank	1244 83
In Salem Savings Bank	1823 68
In Salem Five Cents Savings Bank	2262 68
Fifteen Shares Boston & Maine common stock	225 00
Liberty Bonds second issue	700 00
Liberty Bond fourth issue	1000 00
	$11069 48

The income for 1921 has been as follows:-

From Ipswich Savings Bank	$ 144 94
From Caldwell Fund	48 32
From Salem Savings Bank	79 36
From Salem Five Cents Savings Bank	98 46
From Liberty Bonds second issue	29 75
From Liberty Bond fourth issue	42 50
	$ 443 33

FRANK T. GOODHUE
JOSEPH T. MORTON
GEO. W. TOZER
CHARLES M. KELLY
A. STORY BROWN.

REPORT OF THE

FEOFFEES OF GRAMMAR SCHOOL

Covering Period From May, 1920, to February, 1922.

Property in their hands as follows:

Little Neck valued at	$ 5000 00
Deposited in Ipswich Savings Bank	9756 18
Deposited in Ipswich Savings Bank, Essex Sch. Farm	1893 68
Total amount deposited in Ipswich Savings Bank	11649 86
Increase in deposits and interest since last report	1603 30
Cash on hand February 7, 1922	2805 00

Other Income and Receipts since last report:

From land and taxes, Little Neck cottage owners	7435 26
From cottage owners, subscriptions for road repairs	315 00
Ipswich Savings Bank, withdrawal	250 00
Miscellaneous	23
	8000 49

Disbursements:

A. I. Savory, supplies	$ 6 60
Damon & Damon, insurance	141 60
George E. Farley, salary as treasurer	100 00
Rees Jenkins, labor and team	570 86
John P. Marston, salary	240 00
W. A. Banfill, labor	29 40
L. A. Peabody, labor	172 00
Charles A. Ring, labor	24 23
Benjamin Comeau, labor	18 00
E. O. Peabody, labor	7 00

John W. Goodhue, sundries	131 61
Joseph A. King, repairs	16 69
Ipswich Mills, repairs	19 34
F. F. Byron, supplies	27 00
J. L. Arsenault, labor	70 25
Town of Ipswich, taxes and water	4656 61
J. L. Fairbanks Co. sundries	3 50
Canney Lumber Co., lumber	139 96
S. M. Spencer Mfg. Co., supplies	1 35
Ralph C. Whipple, salary	650 00
R. W. Davis, auto hire	2 50
Geo. A. Schofield & Son, printing	8 50
Lathrop Bros., labor & teams	423 25
A. A. Chase, labor	13 92
Hazen Irvine, labor	17 72
J E Norman, labor	178 35
R. A. Fife Corp., swings	134 05
Wm. Burridge, labor	24 00
Harry Garrette, labor	13 20
Chas. L. Lovell, supplies	2 20
E. O. & L. A. Peabody, labor	21 00
Geo. E. Farley, postage	16 14
	$ 7910 32
Income over expenses	90 17
	$ 8000 49

Ipswich, Mass., February 7, 1922.

I hereby certify that I have this day audited the accounts of the Treasurer of the Feoffees of the Grammar School and find that the same are correct and that the balance on hand is $2805 00.

FREDERICK S. WITHAM, Auditor.

Brown School Fund.

The Trustees of the Brown School Fund present the following report for the year 1921.

The Funds are as follows:-

Deposited in the Ipswich Savings Bank	$ 1400 96
Deposited in the Salem Five Cents Savings Bank	1139 14
	$ 2540 10

Income since last report:-

Dividend from Ipswich Savings Bank	$ 54 38
Dividend from Salem Five Cents Savings Bank	50 45
	$ 104 83

Expenditures for the year:-

Paid M. H. Cunningham for teaching in the Candlewood School one month.	$ 45 00
Paid Margaret Reilly for teaching in the Candlewood School one month.	45 00
	$ 90 00

Balance:— $ 14 83

Respectfully submitted,

A. STORY BROWN
CHARLES W. BROWN
B. R. HORTON.

Trustees.

February, 1922.

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TOWN OF IPSWICH

TWENTY-EIGHTH ANNUAL REPORT

OF THE

WATER

AND

MUNICIPAL LIGHTING COMMISSIONERS



FOR THE YEAR 1921

IPSWICH, MASS

G. A. SCHOFIELD & SON, PRINTERS.

1922

Officers of Water and Municipal Lighting Commission.

COMMISSIONERS

ARTHUR H. WALTON, Chairman	Term expires 1924
WALTER G. BROWN	Term expires 1922
CHARLES A. MALLARD	Term expires 1923

CLERK

ARTHUR H. WALTON — Office, Room 5, Town Hall

Office Hours from 9 A. M. to 5 P. M. every week day except Saturday. Telephone 92-R

TREASURER

WILLIAM J. RILEY, — Office, Room 2, Town Hall

Manager Electric Light,	Arthur H. Walton
Chief Engineer,	Edmund A. Russell
Line Superintensent, Electric Light,	J. Harry Sheppard
Foreman, Water Department,	William P. Gould

Office of Commissioners, — Room 5, Town Hall

Meetings held every Friday, 8 P. M.

CONSTRUCTION DEPARTMENT

LIST OF BILLS AND AMOUNTS PAID FOR THE YEAR ENDING DECEMBER 31, 1921.

PIPE LINE

Paid to	Amount
Chapman Valve Co, pipe and fittings	$103 50

SERVICE PIPE

F E Wood, express and freight	$11 79
Geo E Gilchrist Co, supplies	383 46
Walworth Mfg Co, supplies	5 83
E N Martel, labor	16 00
Wm P Gould, labor	56 50
E E Currier, auto	98 00
J R Morris, labor	22 00
Arthur McIntire, labor	13 50
Chas Pollton, labor	13 50
Ernest Jewett, labor	8 75
Chadwick Boston Lead Co, supplies	61 74
Mueller Mfg Co, supplies	42 50
National Meter Co, meters	21 60
Union Water Meter Co, supplies	61 43
Total	$816 60

MAINTENANCE

Repairs Pipe Line

Walworth Mfg Co, supplies	$4 36
Wm P Reilly, supplies	5 40
Wm P Gould, labor	55 00
Arthur McIntire, labor	6 75
Stephen Lamothe, labor	18 00
William Weagle, labor	5 75
Clifford Weagle, labor	4 50
John Morris, labor	4 00
Charles Pollton, labor	4 00
John Hovey, labor	4 00
Arnold Richards, labor	4 00
Electric Light Dept, gas	50 18
Total	$165 94

Repairs Services

American Express Co, express	$6 36
C F Chapman & Son, supplies	1 40
J W Goodhue, supplies	16 52
Wm P Gould, labor	1,289 85
A J Brennan, supplies	30
National Meter Co, supplies	20 46
Blaisdell Express Co, express	5 62
Edw N Martel, labor	92 07
Dept Public Works, reg motor	2 00
E E Currier, auto	501 10
F E Wood, teaming	29 67
Walworth Mfg Co, supplies	60 18
Geo E Gilchrist, supplies	5 34
Wm P Reilly, supplies	1 17
R L Purinton, supplies	21

Jos A King, repairs	13 25
C Atherley, garage	28 00
Peoples Express Co, express	1 32
Ernest Jewett, labor	3 50
Chadwick Boston Lead Co, supplies	5 15
John Hovey, labor	6 00
Total	$2,089 47

Administration

Cotton & Woolen Mfg Ins Co, insurance	$50 00
J H Lakeman, supplies	92 09
A A Jewett, bookkeeper	468 00
N E T & T Co, telephone	58 52
A H Walton, manager	850 00
G H W Hayes, premium on bond	40 00
G A Schofield & Son, printing	91 25
G A Schofield, insurance	18 75
A H Walton, commissioner	100 00
C A Mallard, commissioner	100 00
W G Brown, commissioner	100 00
Damon & Damon, insurance	46 96
First Nat Bank, rentbox	5 00
H B McRadle, supplies	2 25
C S Garrett, supplies	2 80
Mutual Boiler Insurance Co, insurance	23 37
Electric Light Dept, pumping	4,000 00
Total	$6,048 99

Station and Grounds

United Rubber Co, repairs pump	$2 84
A W Chesterton Co, repairs pump	6 19
Lumsden & VanStone, new feed pump, fittings &	

labor	1,445 50
American Renoleo Co, supplies	210 00
Lumsden & Van Stone Co, supplies	146 27
Geo E Marsh Co, supplies	17 10
Geo P Anderson Co, supplies	9 40
Garlock Packing Co, repairs pump	19 14
Waldo Bros & Bond Co, supplies	60 80
Ipswich Mills, supplies	7 08
F E Wood, express and freight	33 93
C L Lovell, supplies	4 00
A H Walton, paid out	8 00
G W Knowlton Rubber Co, repairs pump	13 46
Austin L Lord, repairs boiler	51 30
Lunkenheimer Co, repairs pump	69
Crane Co, supplies	80 06
Locke Regulator Co, supplies	9 61
J W Goodhue, supplies	2 50
Geo Hayes, supplies	60
Total	$2,128 47

Reservoir Repairs

Anchor Post Iron Works, supplies	$413 50
John R Morris, labor	88 76
Arthur McIntire, labor	41 13
Charles Pollton, labor	84 26
Wm P Gould, labor	165 00
A I Savory, supplies	11 10
Canney Lumber Co, lumber	109 46
Total	$913 21

Note Payment

Notes Paid by Treasurer	$2,150 00

Interest

Interest Paid Various Parties by Treasurer	$7,745 00

RECEIPTS AND DISBURSEMENTS FOR THE YEAR ENDING DECEMBER 31, 1921.

Receipts		Disbursements	
Water Rates	$19,954 72	Deficit	$112 10
Services	20 67	Maintenance	11,346 08
Appro note payt	2,150 00	Services	816 60
Appro Hydrant	2,237 50	Pipe Line	103 50
Misc Receipts	384 22	Interest	7,745 00
		Notes	2,150 00
			$22 273 28
		Balance	2,473 83
	$24,747 11		$24,747 11

BALANCE SHEET FOR YEAR ENDING DEC. 31, 1921.

Bonds issued	$160,000 00	Engineering	$3 350 00
Notes outstanding	31,600 00	Land damage	3,599 12
Prem on bonds	10,412 58	Pumping Station	14,425 24
Prem on notes	60 25	Pumps & Mach	19,637 65
Appropriations	39,936 70	Storage Basin	27,693 59
Misc receipts	165 43	Bull Brook	1,778 60
Water rates	323,329 19	Dist Reservoir	17,827 56
Filter appro	143 28	Pipe Line const	125,515 33
Appro note payt	18,339 75	Service pipe const	23,155 75
		Store House	178 70
		Miscellaneous	2,834 20
		Cost of Const	239,995 74
		Interest on bonds	181,167 20
		Maintenance	113,952 26
		Materials on hand	1,847 22
		Water rates due	5,435 76
		Services due	189 07
		Sinking Fund payt	38,926 10
			$581,513 35
		Balance	$2,473 83
	$583,987 18		$583,987 18

SUMMARY OF COST OF CONSTRUCTION TO DECEMBER 31, 1921.

	Dec. 31, 1920		Dec. 31, 1921
Engineering	$3,350 00		$3,350 00
Land damage	3,599 12		3,599 12
Pumping station	14,425 24		14,425 24
Pumps & Machinery	19,637 65		19,637 65
Storage Basin	27,693 59		27,693 59
Bull Brook	1,778 60		1,778 60
Dist reservoir	17,827 56		17,827 56
Pipe line const	125,437 13	$78 20	125,515 33
Service pipe const	22,529 49	626 26	23,155 75
Store house	178 70		178 70
Miscellaneous	2,834 20		2,834 20
	$239,291 28	$704 46	$239,995 74

SINKING FUND

Receipts			Investments	
Appro.	1895	$1,700 00	Ipswich Sav Bk	$127 56
"	1896	1,759 50	" Water Loan	62,100 00
"	1897	1,899 08	" El Lt Loan	24,300 00
"	1898	1,965 55	" Town Notes	17,700 00
"	1899	2,032 00	Liberty Bonds	24,500 00
"	1900	2,138 65	Ill Cent RR Bonds	3,000 00
"	1901	2,363 50	First Nat Bank	5,273 09
"	1902	2,446 22		
"	1903	2,531 84		
"	1904	2,680 32		
"	1905	2,890 91		
"	1906	2,986 47		
"	1907	3,084 00		
"	1908	3,418 34		
"	1909	3,656 61		
"	1910	3,671 99		
From pro	1911	3,784 73		
"	1912	3,901 40		
"	1913	4,022 17		
"	1914	4,146 45		
"	1915	4,276 52		
"	1916	4,410 42		
"	1917	4,549 00		
Appro	1918	4,692 43		
From pro	1919	4,840 88		
"	1920	4,994 53		
Profits on bonds		518 89		
Interest		51,638 25		
		$137,000 65		$137,000 65

SUPERINTENDENT'S REPORT

To the Board of Water Commissioners:

Gentlemen—Following is the report for the year ending December 31, 1921.

MAIN PIPES

The number of feet of mains laid to date and sizes are as follows:

14 inch	1,505
12 inch	10,963
10 inch	8,830
8 inch	17,897
6 inch	81,746
4 inch	3,708
2 inch	9,920
1 inch	2,070

Total, 136,659 equals 25 miles, 4,659 feet.

STREET GATES

Total number now set is 157

HYDRANTS

They are in good working order, the total now set is as follows:

Town	179
Private	15
Total	194

SERVICE PIPES

Ten services have been added this year. Total number services connected with the works to date, 1090.

Following is an account of the number of services added, also the number of feet of service pipe laid (by years) since the works were put in:

Year	No. services added	Town Ft.	In.	Private Ft.	In.	Total Ft.	In.
1894	181	4,470	4	2,771	2	7,241	6
1895	218	5,312	3	6,051	5	11,363	8
1896	110	2,391	9	2,616	5	5,008	2
1897	32	896	6	1,991	6	2,288	
1898	42	1,112	7	1,318	3	2,430	10
1899	34	841	2	1,335	10	2,177	
1900	30	641	2	2,741	4	3,382	6
1901	25	517	4	1,209	5	1,726	9
1902	25	580	1	3,657	2	4,237	3
1903	19	800	1	1,589	1	2,389	2
1904	17	367	5	263	2	630	7
1905	30	1,172	7	443	1	1,615	8
1906	22	454		233	5	687	5
1907	49	986	9	625	8	1,612	5
1908	38	715	3	464	8	1,179	11
1909	31	653	5	336	9	990	2
1910	35	765		819		1,584	
1911	15	345	5	271	11	617	4
1912	13	328	8	188	10	517	6
1913	16	526		350		876	
1914	15	262	5	146	2	408	7
1915	25	451	9	145	10	597	7
1916	19	374	3	254	2	628	5
1917	12	225	5	172	5	397	10

1918	6	116		102	9	218	9
1919	10	168	4	202		310	4
1920	11	186	10	202		388	10
1921	10	137	1	80	3	217	4
	1,090	25,090	10	30,684		55,774	10

Total 55,774 feet, 10 inches equals 10 miles, 2,614 feet.

The service pipes are cast iron, lead and galvanized iron from ¾ inch to 4 inches.

SYNOPSIS OF THE PUMPING RECORD FOR THE YEAR ENDING DECEMBER 31, 1921

Month	Hrs.	Min.	Gallons	Gallons
January	196	45	10,192,575	328,793
February	173	30	8,898,600	317,807
March	200	45	10,376,625	334,730
April	174	15	8,997,825	299,927
May	216	45	11,334,600	365,632
June	272	45	14,362,575	478,752
July	213		11,370,450	366,788
August	266		14,222,175	458,780
September	243		12,807,750	426,925
October	218	30	11,440,500	369,048
November	220	30	11,426,700	380,890
December	206	30	10,837,575	349,599
Total for year	2,602	15	136,267,950	
Daily average for year				373,336

Estimated amount of coal used 196,534/2240 tons.

Largest day's pumping June 24, 849,525 gallons.

Largest week's pumping, week of June 19, 4,755,225 gallons.

METERS

Total number of meters in use.

NAME	Sizes					
	3 in.	2 in.	1½ in.	1in.	⅝ in.	Totals
Crown	4	8	4	5	38	59
Empire				1	57	58
Hersey				3	34	37
Lambert		2		3	26	31
Niagara			1		61	62
Nash				9	251	260
Worthington				3	9	12
Columbia					2	2
Elevator					2	2
	4	10	5	24	480	523

TREASURER'S REPORT

WATER DEPARTMENT, TOWN OF IPSWICH
WILLIAM J. RILEY, TREASURER

DR.

To amounts received:		
Fixture Rates	$7,987 87	
Meter Rates	11,966 85	
Miscellaneous	384 22	
Construction	20 67	
Hydrant Appropriation	2,237 50	
		$22,597 11

CR.

By paid:		
Commissioners' Orders	$12,266 18	
Interest	7,745 00	
	$20,011 18	
Deficit, Jan. 1, 1921	112 10	
		$20,123 28
Balance, January 2, 1922		$2,473 83
The Treasurer has the following bills for collection:		
Fixtures	$1,429 73	
Meters	798 88	
Little Neck	330 82	
Miscellaneous	189 07	
		$2,748 50
Meter Commitment, Dec. 31, 1921		$2,876 33
		$5,624 83

WATER NOTES AND BONDS

OWNED BY	Amount	Rate	Date of Issue	Matures	Number
Lamprecht Brothers	$88,000	4	July 1, 1894	July 1, 192488	1-88
Sinking Fund I W D	12,000	4	July 1, 1894	" " " 12	89-100
E P Jose	20,000	4	Jan. 1, 1895	" " " 20	111-130
Sinking Fund I W D	10,000	4	Jan. 1, 1895	Jan. 1, 192710	101-110
Sinking Fund I W D	1,000	4	Jan. 1, 1897	" " " 1	135
N W Harris & Co	5,000	4	Jan. 1, 1897	" " " 5	131-136
Sinking Fund I W D	2,000	4	July 1, 1899	" " " 2	137-138
Sinking Fund I W D	3,000	4	July 1, 1900	" " " 3	144-146
Adams & Co	6,000	4	July 1, 1900	" " " 6	139-143-147
Sinking Fund I W D	1,000	4	Dec. 14, 1903	" " " 1	148
Name not recorded	1,000	4	Dec. 17, 1903	" " " 1	149
Sinking Fund I W D	4,000	4	Dec. 31, 1904	" " " 4	150-153
" " "	3,000	4	Oct. 21, 1907	" " " 3	154-156
" " "	1,000	4	Nov. 19, 1907	" " " 1	157
" " "	2,000	4	Dec. 31, 1907	" " " 2	158-159
" " "	1,000	4	Nov. 30, 1908	" " " 1	160
" " "	4,500	4	Oct. 1, 1910	1922 to 1930 inc 9	11-20
Five Cents Savings Bank, Lynn	2,000	4	Oct. 1, 1910	1922 to 1925 inc 4	11-15
Cemetery Trust Funds	7,500	4	Oct. 1, 1910	1926 to 1940 inc15	16-30
Sinking Fund I W D	3,000	4	Oct. 1, 1913	$250 each year 1	45
" " "	3,250	4	Dec. 1, 1914	$250 each year 1	68
" " "	7,600	4	Dec. 1, 1915	$400 each year 1	117
" " "	3,750	4	May 1, 1916	$250 each year 1	123
	$191,600				

ELECTRIC LIGHT DEPARTMENT

CONSTRUCTION EXPENSES

The following bills have been paid for construction during the year 1921.

Paid to	Amount
Pettingell Andrews Co, supplies	$1,058 73
N E T & T Co, new lines	34 75
Wetmore Savage Co, meters	284 70
J H Sheppard, labor	294 85
Fred Manthorn, labor	255 54
Moloney Electric Co, transformers	295 00
Peoples Express Co, express	2 31
J J Merrill, lamps	437 33
Foster McDonald, supplies	264 60
General Electric Co, meters	1,046 49
Wetmore Savage Co, transformers	527 24
F E Wood, express and freight	44 64
General Electric Co, transformers	565 62
J J Merrill, supplies	211 90
Canney Lumber Co, supplies	6 44
Pettingell Andrews Co, tools	46 88
Foster McDonald, seals	3 84
Lewis Electric Co, transformers	58 08
Wetmore Savage Co, supplies	20 70
Townsend Motor Co, tools and appliances	3,000 00
Total	$8,459 64

DR.	CONSTRUCTION ACCOUNT		CR.
To balance 1920	$814 91	By bills paid	$8,459 64
To sale of note	4,000 00	Due private con	
To depreciation	3,750 00	Jan. 1, 1921	327 95
Cash Private con	474 20	By balance	267 38
Due Private con	15 86		
	$9,054 97		$9,054 97

COST OF CONSTRUCTION

Cost of Real Estate	$8,117 19		$8,117 19
Cost of Steam Plant	16,431 18		16,431 18
Cost of Elec Lines	90,757 90	$5,247 74	96,005 64
Cost of Elec Plant	10,255 96	211 90	10,467 86
Cost of Auto		3,000 00	3,000 00
	$125,562 23	$8,459 64	$134,021 87

NOTE INDEBTEDNESS

To Notes outstanding		By notes paid	$4,050
Jan. 1, 1921	$55,900	By Bal outstanding	
Note issue 1921	4,000	Jan. 1, 1922	55,850
	$59,900		$59,900

MANAGER'S REPORT

Gentlemen:

To the Water and Lighting Commission.

I submit the following report of the receipts and expenditures of the Lighting Plant for the year 1921.

MAINTENANCE.

Paid to	Amount
Edmund Russell, labor	$1,849 11
F W Fiske, labor	653 13
Geo E. Brown, labor	1,793 00
Geo L Fall, labor	1,682 32
R B Pickard, labor	1,456 47
Fred C Rust, labor	1,444 50
Chester Cook, labor	1,435 50
Dan Maguire, labor	135 56
Wm P Edgerly, labor	1,320 63
Henry A Mayer, labor	33 00
Stephen Brown, labor	5 50
Wm S Cavanaugh, labor	1,045 00
Total	$12,853 72

FUEL

A M Sheppard, labor	$117 57
Dan Kelly, labor	102 09
Tom Czak, labor	83 27
B & M R R, freight	9,309 87

Atkinson Coal Co	6,974 01
John Hovey, labor	37 13
Edward Martel, labor	6 19
Edmund Kelly, labor	34 32
Gordon Ewing, labor	4 50
Fred Robicheau, labor	4 50
Louis Kelly, labor	7 88
Thomas Smith, labor	11 51
Leo Wilkinson, labor	26 70
Daniel Nevins, labor	11 51
George Fall, screenings	90 65
John Kelly, labor	8 72
Wm Davey, Jr, labor	18 28
Octave Gallant, labor	7 60
Thomas Wilkinson, labor	7 31
Sandy LeClair, labor	6 47
Frank Stone, labor	6 47
Edmund Wile, teaming	1,106 90
Total	$17,983 45

MISCELLANEOUS

Ipswich Mills, supplies	$17 09
Blaisdell Express, express	82 58
J W Goodhue, supplies	63 51
N E T & T Co, telephone	38 21
G W Knowlton Rubber Co, supplies	17 23
A A Jewett, bookkeeper	468 00
F E Wood, express and freight	104 55
A C Osborne, oil and waste	913 60
J J Merrill, supplies	39 11
American Express Co, express	24 30

C F Chapman & Son, supplies	24 10
Jos A King, repairs	8 50
Mayer & Porter, auto supplies and repairs	155 65
Standard Oil Co, gas	522 85
Almy Bigelow & Washburn, supplies	51 98
J H Sheppard, labor	1,269 95
Fred Manthorn, labor	1,155 21
A H Walton, manager	850 00
Ames Iron Works, supplies	112 25
H S Bowen, printing	4 50
Durocher & Co, oil and waste	3 08
A I Savory, supplies	20 29
H Greenburg, auto	40 00
Wetmore Savage Co, auto supplies	107 50
B F Sturtevant, supplies	619 02
J H Lakeman, supplies	101 71
United States Rubber Co, supplies	1 77
N E T & T Co, repair lines	10 00
Peoples Express Co, express	2 05
J H Sheppard, auto	2 44
E E Currier, auto	1 30
F L Burke & Son, supplies	95
Jenkins Bros, supplies	6 85
G A Schofield & Son, printing	170 50
D A Grady, auto	2 50
J J Merrill, repair electric lines	157 98
Mass Lighting Asso, dues	10 00
G A Schofield, insurance	429 40
Foster McDonald Co, supplies	108 20
Hart Packing Co, supplies	5 62
General Electric Co, supplies	21 66
Pettingell Andrews Co, supplies	25 00

Wetmore Savage Co, supplies	133 31
Geo E Gilchrist, supplies	1 35
B B Ward, repairs	3 00
Damon & Damon, insurance	344 28
Union Waste & Supply Co, oil and waste	22 80
W G Brown, commissioner	100 00
C A Mallard, commissioner	100 00
A H Walton, commissioner	100 00
C S Garrette, supplies	2 80
C S Tyler, supplies	19 31
Manzur & Damon, labor	2 40
Fred Manthorn, auto	2 00
Chapman Valve Co, supplies	33 60
Geo H Lord, labor	75
Cotton & Woolen Ins Co, insurance	100 00
A J Brennan, supplies	25
Lewis Electric Co, supplies	11 25
R W Davis, auto	6 60
Almy Bigelow & Washburn, auto	7 70
Garlock Packing Co, supplies	3 02
Geo Hayes, repair steam plant	2 60
Townsend Motor Co, auto	160 20
Total	$8,928 21

NOTE PAYMENT

Notes Paid by Treasurer	$4,050 00

INTEREST

Interest paid various parties by Treasurer	$2,275 00

JOBBING DEPARTMENT

J J Merrill, supplies	$11 21
Pettingell Andrews Co, supplies	403 40
McKenney & Waterbury Co, supplies	16 75

J J Merrill, lamps	2 31
American Express Co, express	1 32
Foster McDonald, supplies	6 00
Wetmore Savage Co, supplies	93 73
Total	$534 72

MAINTENANCE

DR.		CR.	
To bal Jan. 1, 1921	$8,780 38	By bills paid	$39,765 38
To Sale of current	31,914 07	Less old bills due	
To steam power	4,000 00	Jan. 1, 1921	4,097 07
To amt recd for coal	203 72	Rent of poles due	218 60
To rent of poles	464 00	Coal on hand	2,000 00
To insurance div	90 00	Bal in favor of	
To amt recd for		Dept Jan. 1, 1922	9,312 81
gasoline	362 77		
To miscellaneous	55 50		$55,393 86
Amt due for coal	121 73		
Amt due for current	4,881 21		
Amt due for auto	75 00		
Coal on hand	4,445 48		
	$55,393 86		

JOBBING DEPARTMENT

DR.		CR.	
To bal profits to		By bills paid 1921	$534 72
Jan. 1, 1921	$3,475 32	Old bille due	
Labor & Material	694 91	Jan. 1, 1921	32 75
Bills due	10 40	Bal in favor of	
		Dept Jan. 1, 1922	3,613 16
	$4,180 63		$4,180 63

TREASURER'S STATEMENT

ELECTRIC LIGHT DEPARTMENT, TOWN OF IPSWICH.
WILLIAM J. RILEY, TREASURER.

DR.

To amounts received:		
Commercial Light	$25,248 71	
Prepayments	371 50	
Town Buildings	1,091 86	
Jobbing	19 48	
Power	8,534 10	
Miscellaneous	2,301 52	
Interest Appropriation	2,275 00	
Note Appropriation	4,050 00	
Depreciation	3,750 00	
General Manufacturing	692 00	
Note Issue	4,000 00	
		$52,334 17
DEFICIT January 1, 1922		$4,702 73
		$57,036 90

CR.

By paid:		
Orders	$48,759 74	
Notes	4,050 00	
Interest	2,275 00	
		$55,084 74
		$57,036 90

The Treasurer has the following bills for collection:

Commercial Light	$1,010 20	
Town Buildings	81 20	
Power	60 80	
Miscellaneous	223 57	
		$1,375 77
Commitment, Dec. 31, 1921		$3,728 43
		$5,104 20

ELECTRIC LIGHT LOAN

HELD BY	Amount	Rate	Date of Issue	No. Notes	Maturities
Chelsea Savings Bank	$5,000	4	Oct. 1, 1903	7 notes	1921-1926 inc
Malden Savings Bank	2,000	4	Oct. 1, 1903	2 notes	1927-1928 inc
Sinking Fund I W D	3,000	4	Oct. 1, 1903	3 notes	1930-1932 inc
Holliston Savings Bank	4,000	4	Dec. 15, 1904	4 notes	1922-1925 inc
State of Massachusetts	4,000	4	May 1, 1905	4 notes	1926-1929 inc
Sinking Fund I W D	2,000	4	Dec. 15, 1906	2 notes	1930-1931
Cemetery Trust Funds	2,000	4	June 15, 1907	2 notes	1932-1933
North Ave Savings Bank	2,000	4	June 30, 1908	2 notes	1934-1935
Malden Savings Bank	2,000	4	June 15, 1909	2 note	1936-1937
Sinking Fund I W D	2,000	4	June 30, 1910	4 notes	1931-1934 inc
Five Cent Savings Bank, Lynn	1,000	4	Oct. 1, 1910	3 notes	1922-1923 inc
Sinking Fund I W D	2,000	4	Oct. 1, 1910	7 notes	1924-1930 inc
Ipswich Savings Bank	3,250	4	Dec. 30, 1910	14 notes	1922-1934 inc
Sinking Fund I W D	1,100	4	June 29, 1912	1 note	$100 each year
Geo A Schofield	1,200	4	June 30, 1913	1 note	$100 each year
Sinking Fund I W D	1,300	4	June 30, 1913	1 note	$100 each year
" " "	1,300	4	June 30, 1914	1 note	$100 each year
" " "	1,400	4	June 30, 1915	1 note	$100 each year
" " "	1,500	4	June 30, 1916	1 note	$100 each year
" " "	1,600	4	June 30, 1917	1 note	$100 each year
" " "	1,700	4	June 30, 1918	1 note	$100 each year
Ipswich Savings Bank	5,000	5	July 1, 1919	11 notes	1922-1931 inc
Sinking Fund I W D	4,000	4	Dec. 15, 1921	8 notes	1922-1929 inc
Total	$55,850				

MANAGERS REPORT

I would recommend the Town appropriate $11,109.00 for street lights, the same amount per lamp as last year. From this amount will be charged interest, note, and depreciation, the balance be charged to manufacturing account.

The following tables show the increased number of services and also the amount of sales for the last five years.

Year	No. of Services	Sale of Current and Power
1917	652	$21,975.77
1918	648	23,859.75
1919	700	29,238.74
1920	772	34,201.04
1921	892	35,938.17

We have installed meters on our switch board to measure our output, I wish to submit the report for 1921.

Total K W generated	494830
" K W accounted for Com Light	203545
" K W power	92685
" K W street lights	88655
" K W auxiliary lights	8880
Total accounted for	393765
Unaccounted for	101065
	494830

Loss .204

I desire to call your attention to the number of new services installed the last year, being 120.

We have made a substantial gain in our power load, which I believe we can care for as the load comes in the day time.

Should the demand for new services continue as in the past year I believe some thought should be given to enlarging our generating plant, or some other source of supply.

It is plain therefor, that should anything happen to our large unit we would be unable to care for the demand required.

ARTHUR H. WALTON, Manager.

COMMISSIONERS REPORT

To the Citizens of Ipswich:

The Municipal Water and Light Commissioners submit their annual report for the year ending December 31, 1921.

Water Department

The expenditures for the year 1922 are estimated as follows:

For Interest payment	$7,659.00
For General expenses	9,000.00
For Hydrant service	2,237.50
For Sinking Fund	5,318.15
	$24,214.65

The board recommends the amount for hydrant services be raised and appropriated from the tax levy, the balance be taken from the earnings of the Water Department.

ELECTRIC LIGHT DEPARTMENT

We recommend the town raise and appropriate for street lights the same as last year namely,

782	40 watt lamps at $12.00	$9,384.00
23	250 watt lamps at $75.00	1,725.00
		$11,109.00

From this amount will be charged Interest $2268.00 Notes $4550.00 and depreciation $2805.00.

We would recommend no appropriation be made to Electric Light Department for Town Buildings as the various departments include in their budgets recommendations for the same.

We have used every means to increase our day power load, which this last year has been nearly doubled. Although the installing cost has been paid in one year, the revenue derived in the coming years will make it a very profitable investment.

With our connected load at the present time and the general increase in demand we wish to call your attention to the fact that if we should have trouble at our generating station causing us to shut down our large unit we would be in no position to care for our present load.

Respectfully submitted,

ARTHUR H. WALTON,
WALTER G. BROWN,
CHARLES A. MALLARD,
Water and Light Commissioners.

February 1, 1922.

AUDITOR'S STATEMENT

This is to certify that I have examined the books and accounts of the Water and Electric Light Department, and of the Treasurer of the Sinking Fund and find them correct.

FREDERICK S. WITHAM, Auditor.

Ipswich, Jan. 31, 1922.

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